

**Activity Under LG&E’s Performance-Based Ratemaking (“PBR”) Mechanism
for the PBR Period for the 12 Months Ended October 31, 2022**

Attached is a summary of LG&E’s activity and the supporting documentation for the PBR mechanism covering the entirety of PBR Year 25 (November 1, 2021, through October 31, 2022) of LG&E’s gas supply cost PBR mechanism. LG&E is making this annual filing in accordance with the Order in Case No. 2021-00028 dated November 29, 2021. This information has also been used as the basis for the calculation and filing of the applicable PBR Recovery Component (“PBRRC”) effective February 1, 2023.

General Discussion: The results for this PBR period cannot and should not be extrapolated for subsequent PBR periods. The results shown in this filing compare the various calculated benchmarks against actual gas costs for each PBR component by month. The actual gas costs and volumes set forth herein do not correspond to the dollars and volumes actually booked and reported by LG&E as purchased gas costs for the period as reported in LG&E’s Gas Supply Clause (“GSC”). In order to match actual costs with the appropriate monthly benchmarks, the actual costs and volumes used herein reflect adjustments made to LG&E’s costs and volumes, not in the month the adjustments were made and booked, but in the month for which the adjustments were applicable.

Information Required to be Reported: As required by the Commission, the following information is being supplied as a part of this filing.

Calculated Results: During the 12 months ended October 31, 2022, LG&E has achieved the following results:

	<u>PBR-GAIF</u>	<u>PBR-TIF</u>	<u>PBR-OSSIF</u>	<u>Total</u>
<i>Nov. 2021</i>	\$1,704,628	\$166,580	\$0	\$1,871,208
<i>Dec.</i>	\$884,741	\$166,580	\$0	\$1,051,321
<i>Jan. 2022</i>	\$501,016	\$166,580	\$0	\$667,596
<i>Qtr. Subtotal</i>	\$3,090,385	\$499,740	\$0	\$3,590,125
<i>Feb.</i>	\$1,115,521	\$202,980	\$0	\$1,318,501
<i>Mar.</i>	\$730,461	\$188,590	\$0	\$919,051
<i>Apr.</i>	\$1,078,865	\$184,581	\$0	\$1,263,446
<i>Qtr. Subtotal</i>	\$2,924,847	\$576,151	\$0	\$3,500,998

	<u>PBR-GAIF</u>	<u>PBR-TIF</u>	<u>PBR-OSSIF</u>	<u>Total</u>
May	\$824,949	\$175,105	\$0	\$1,000,054
Jun.	\$677,167	\$166,580	\$0	\$843,747
Jul.	\$936,576	\$188,280	\$0	\$1,124,856
<i>Qtr. Subtotal</i>	\$2,438,692	\$529,965	\$0	\$2,968,657
Aug.	\$686,888	\$166,580	\$0	\$853,468
Sep.	\$1,611,807	\$166,580	\$0	\$1,778,387
Oct.	\$796,494	\$166,580	\$0	\$963,074
<i>Qtr. Subtotal</i>	\$3,095,189	\$499,740	\$0	\$3,594,929
<i>Total</i>	\$11,549,113	\$2,105,596	\$0	\$13,654,709

The supporting calculations are enclosed with this filing.

PBR—Gas Acquisition Index Factor (“GAIF”) is an incentive mechanism for gas commodity costs. Under this component, LG&E benchmarks its gas commodity costs against a calculated benchmark representative of the market price of gas by using various industry-accepted price postings. Factors affecting LG&E’s performance under this portion of the PBR mechanism are discussed below.

For the entirety of the months December 2021, January 2022, February 2022 and April 2022 the *Platts Gas Daily* midpoint postings for “Louisiana - Onshore South, Texas Gas, Zone SL” (currently styled by Platts as “Louisiana/Southeast, Texas Gas, Zone SL”) failed to post. This price posting is one of the components of the Supply Area Index for TGT-SL. In accordance with the tariff language “[i]f an index ceases to exist or fails to report, the Company may use a suitable replacement index and report that change to the Commission in the applicable annual report.” As further outlined in LG&E’s report in Case No. 2014-00476, when an index fails to post, “the posting for the proximate zone on the same pipeline may be used as the replacement index.” Therefore, LG&E has used the “Louisiana - Onshore South, Texas Gas, Zone 1” (currently styled by Platts as “Louisiana/Southeast, Texas Gas, Zone 1”) posting in lieu of daily TGT Zone SL (both published by *Platts Gas Daily*) for the period when it was unavailable.

For the months of April 2022, May 2022, June 2022, July 2022, August 2022, September 2022 and October 2022, the *Platts Inside FERC’s Gas Market Report* first-of-the-month price posting for “Louisiana/Southeast, Texas Gas, zone SL failed to post. This price posting is one of the components of the Supply Area Index for TGT-SL. In accordance with the tariff language “[i]f an index ceases to exist or fails to report, the Company may use a suitable replacement index and report that change in writing to the Commission in the applicable annual report. If the Company elects not to select a replacement index, the

average is adjusted accordingly.” As further outlined in LG&E’s report in Case No. 2014-00476, when an index fails to post, “the posting for the proximate zone on the same pipeline may be used as the replacement index.” Therefore, LG&E has used the *Platts Inside FERC’s Gas Market Report* first-of-the-month price posting for “Louisiana/Southeast, Texas Gas, Zone 1” for the periods when each of the posting were unavailable.

Purchasing Practices and Strategy: LG&E has sought to generate savings under the PBR mechanism by (1) managing gas supplies to ensure that purchases will be made at less than applicable gas supply indices, (2) purchasing gas at capacity-constrained points at which points natural gas is typically priced at less than the referenced indices, and (3) maximizing the use of LG&E’s on-system storage and off-system contract storage by accelerating or deferring injections (or withdrawals) in order to maximize savings under the PBR mechanism. LG&E has not used any financial instruments to date in pursuing its objectives under the PBR mechanism.

Composition of Savings: Total savings under the PBR-GAIF component of the mechanism is \$11,549,113.

PBR – Transportation Index Factor (“TIF”) is an incentive mechanism for pipeline transportation costs. With this component, LG&E benchmarks its pipeline transportation costs against the transportation rates filed with the Federal Energy Regulatory Commission (“FERC”) by either Texas Gas Transmission, LLC (“Texas Gas”) or Tennessee Gas Pipeline Company, LLC (“Tennessee”), as applicable.

Purchasing Practices and Strategy: LG&E has sought to ensure that savings result under the PBR mechanism by (1) negotiating pipeline discounts, and (2) releasing pipeline capacity when not required by LG&E to serve its customers. Factors affecting LG&E’s performance under this portion of the PBR mechanism are discussed below.

Texas Gas Transmission LLC Rate Case: The rates charged by Texas Gas are final rates and are not being billed subject to refund.

Tennessee Gas Pipeline Company: The rates charged by Tennessee Gas are final rates and are not being billed subject to refund.

Composition of Savings by Pipeline: Total savings under the PBR-TIF component of the PBR is \$2,105,596. The portion of savings attributable to Texas Gas under PBR-TIF is \$106,635. The portion of savings attributable to Tennessee under PBR-TIF is \$1,998,961. On a combined pipeline basis, the portion of savings attributable to any commodity discount is \$0, and the portion of savings attributable to any demand discounts and capacity release activity is \$2,105,596.

PBR – Off-System Sales Index Factor (“OSSIF”) is an incentive mechanism for off-system sales. LG&E may be in a position to sell natural gas or transportation services or both above cost.

Off-System Sales Activity: LG&E makes off-system sales when the opportunity arises to generate savings, and LG&E had natural gas under contract and available for sale. These off-system sales are made to entities which are not affiliated with LG&E. During the period covered by this report, LG&E did not enter into any off-system sales transactions.

PBR Amounts and Demand/Commodity Allocation: Following is a summary of the various PBR components in total for the 12 months ended October 31, 2022. Under the sharing mechanism approved by the Commission in its Order dated October 26, 2020, in Case No. 2020-00437, LG&E's share in any savings or expenses is 30% for all savings or expenses up to 4.6% of Total Actual Gas Supply Costs ("TAGSC"), which is the sum of Actual Gas Costs ("AGC") and Total Actual Annual Gas Transportation Costs ("TAAGTC"). For savings (or expenses) in excess of 4.6% of TAGSC, LG&E's share is 50%.

Total savings for PBR Year 25 were \$13,654,709, and TAGSC was \$196,171,749, which is the sum of \$172,329,241 in AGC and \$23,842,508 in TAAGTC. Therefore, savings as a percentage of TAGSC were 6.96% ($\$13,654,709 / \$196,171,749$). Hence, all of the savings up to \$9,023,900 ($4.6\% \times \$196,171,749$) are shared with 30% allocated to LG&E and the remaining 70% being retained by customers as having already been reflected in LG&E's GSCC. The portion of the savings in excess of that amount, or \$4,630,809 ($\$13,654,709 - \$9,023,900$), is the subject of the 50% sharing tier.

Therefore, the initial tier of the sliding scale is allocated on a 30/70 basis with \$2,707,170 ($30\% \times \$9,023,900$) being allocated to the Company and \$6,316,730 ($70\% \times \$9,023,900$) being allocated to customers. The second tier is subject to sharing on a 50/50 basis with \$2,315,404 ($50\% \times \$4,630,809$) being allocated to the Company and \$2,315,405 ($50\% \times \$4,630,809$) being allocated to customers. Therefore, the total portion of the savings being retained by customers is \$8,632,135 ($\$6,316,730 + \$2,315,405$); and the total portion of the savings being allocated to the Company and collected from customers is \$5,022,574 ($\$2,707,170 + \$2,315,404$). Therefore, the CSPBR to be collected for the Company from customers by means of the PBRRC (as a part of the GSCC) is \$5,022,574.

The total to be collected for the Company from customers through the GSCC is \$5,022,574. This amount must be segregated into its respective commodity (or volumetric) and demand (or fixed) components in order to properly recover the amounts from sales and standby transportation customers. Of this total amount, \$774,481 is to be recovered for the Company from sales and standby transportation customers through the Pipeline Supplier's Demand Component as a demand component. The remaining \$4,248,093 is to be recovered for the Company from sales customers through the GSCC. The calculation of the split as between demand and commodity is set forth as a part of the attached PBR calculations.

Labor and Operating and Maintenance ("O&M") Costs: The PBR mechanism requires that LG&E exclude labor-related or other expenses typically classified as O&M expenses from the determination of any savings or expenses under the PBR mechanism. LG&E is required to report any costs required to implement the PBR mechanism. Inasmuch as such costs cannot be shared between Company and Customer, LG&E has sought to minimize incremental costs. LG&E has not incurred any significant quantifiable costs during the period covered by this report for activity under the PBR mechanism.

**PBR CALCULATIONS FOR THE 12 MONTHS ENDED
OCTOBER 31, 2022**

**PBR-GAIF
SUPPORTING CALCULATIONS**

**PBR-GAIF
CALCULATION OF BENCHMARK GAS COSTS
("BGC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
GAIF - CALCULATION OF BGC

Column	1	2	3	4	5	6	7	8	9	10	11	12	13	
	APV TRANSPORTED UNDER TGT RATE NNS	APV TRANSPORTED UNDER TGT RATE FT	APV TRANSPORTED UNDER TGT RATE STF	APV TRANSPORTED UNDER TGPL FT-A	APV TRANSPORTED UNDER OTHER CAPACITY	TOTAL APV FOR SYSTEM SUPPLY (1+2+3+4+5)	TGT OR TGPL PEFDCC	APV - PEFDCC= TOTAL APV FOR SYSTEM SUPPLY (6-7)	ALLOCATION OF APV ACCORDING TO SZFQE%					
									TGT ZONE SL 48.07%	TGT ZONE 1 20.38%	TGT ZONE 4 23.66%	TGPL ZONE 0 7.88%	TGPL ZONE 1 0.00%	
									22.81%	9.82%	50.53%	16.84%	0.00%	
									(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	
Nov 21	1,657,552	1,265,000	0	419,998	320,000	3,662,550	0	3,662,550	1,760,588	746,794	866,559	288,609	0	
Dec 21	584,829	765,000	0	40,000	165,000	1,554,829	0	1,554,829	747,406	317,030	367,873	122,520	0	
Jan 22	1,918,909	570,000	0	339,986	430,000	3,258,895	0	3,258,895	1,566,551	664,489	771,054	258,801	0	
Feb 22	693,264	750,000	0	320,000	465,000	2,228,264	0	2,228,264	1,071,127	454,343	527,207	175,587	0	
Mar 22	1,172,727	775,000	0	100,000	0	2,047,727	0	2,047,727	984,342	417,532	484,492	161,361	0	
Apr 22	815,280	921,000	0	108,000	0	1,844,280	0	1,844,280	420,680	181,108	931,915	310,577	0	
May 22	786,656	775,000	0	70,000	80,000	1,711,656	0	1,711,656	390,429	168,084	864,900	288,243	0	
Jun 22	761,290	743,298	0	300,000	0	1,804,578	0	1,804,578	411,624	177,210	911,853	303,891	0	
Jul 22	1,338,414	1,410,000	0	375,000	0	3,123,414	0	3,123,414	712,451	306,719	1,578,261	525,983	0	
Aug 22	1,339,108	1,445,834	0	260,000	0	3,044,942	0	3,044,942	694,551	299,014	1,538,609	512,768	0	
Sep 22	1,310,802	1,508,216	0	165,000	355,000	3,339,018	0	3,339,018	761,630	327,891	1,687,206	562,291	0	
Oct 22	1,166,388	1,440,000	0	384,860	213,210	3,204,458	30,268	3,174,190	724,033	311,705	1,603,918	534,534	0	
Total	13,545,209	12,368,348	0	2,882,844	2,028,210	30,824,611	30,268	30,794,343	10,245,412	4,371,919	12,133,847	4,043,165	0	

Column	14	15	16	17	18	19	20	21	22	23	24	25
	SAI TGT-SL	APV x SAI TGT-SL (9X14)	SAI TGT-Z1	APV x SAI TGT-Z1 (10X16)	SAI TGT-Z4	APV x SAI TGT-Z4 (11X18)	SAI TGPL-Z0	APV x SAI TGPL-Z0 (12X20)	SAI TGPL-Z1	APV x SAI TGPL-Z1 (13X22)	DAI	TOTAL BMGCC (15+17+19+21+23+24)
Nov 21	\$5,3120	\$9,352,243	\$5,2288	\$3,904,836	\$5,2646	\$4,562,087	\$5,2334	\$1,510,406	\$5,4222	\$0	\$0	\$19,329,572
Dec 21	\$4,1797	\$3,123,933	\$4,0997	\$1,299,728	\$4,1169	\$1,514,496	\$4,1029	\$502,687	\$4,2557	\$0	\$0	\$6,440,844
Jan 22	\$4,0450	\$6,336,699	\$3,9977	\$2,656,428	\$4,0840	\$3,148,985	\$3,9818	\$1,022,530	\$4,0858	\$0	\$0	\$13,164,642
Feb 22	\$5,0816	\$5,443,039	\$5,0041	\$2,273,578	\$5,0040	\$2,638,144	\$5,0223	\$881,851	\$5,1503	\$0	\$0	\$11,236,612
Mar 22	\$4,7642	\$4,689,602	\$4,4153	\$1,843,529	\$4,4066	\$2,134,962	\$4,4236	\$713,797	\$4,6645	\$0	\$0	\$9,381,890
Apr 22	\$5,8027	\$2,441,080	\$5,7435	\$1,040,194	\$5,6909	\$5,303,435	\$5,7371	\$1,781,811	\$5,9638	\$0	\$0	\$10,566,520
May 22	\$7,7400	\$3,021,920	\$7,3252	\$1,231,249	\$7,2888	\$6,304,083	\$7,3840	\$2,128,386	\$7,6319	\$0	\$0	\$12,685,838
Jun 22	\$7,8154	\$3,217,006	\$7,7752	\$1,377,843	\$7,6833	\$7,006,040	\$7,7442	\$2,353,393	\$8,1863	\$0	\$0	\$13,954,282
Jul 22	\$6,3817	\$4,546,649	\$6,4475	\$1,977,571	\$6,4467	\$10,174,575	\$6,3770	\$3,354,194	\$7,1212	\$0	\$0	\$20,052,989
Aug 22	\$8,5167	\$5,915,283	\$8,2135	\$2,455,951	\$8,1924	\$12,604,900	\$8,1723	\$4,190,494	\$8,9511	\$0	\$0	\$25,166,628
Sep 22	\$7,8908	\$6,009,870	\$7,5358	\$2,470,921	\$7,5279	\$12,701,118	\$7,5696	\$4,256,318	\$8,5151	\$0	\$0	\$25,438,227
Oct 22	\$5,4940	\$3,977,837	\$5,0190	\$1,564,447	\$5,0643	\$8,122,722	\$4,9040	\$2,621,355	\$5,8809	\$0	\$174,149	\$16,460,510
Total		\$58,075,161		\$24,096,275		\$76,215,547		\$25,317,222		\$0	\$174,149	\$183,878,354

* See daily calculation of DAI.

**PBR-GAIF
CALCULATION OF ACTUAL GAS COSTS
("AGC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS ACQUISITION INDEX FACTOR - CALCULATION OF AGC

Column	1	2	3	4	5	6	7	8	9	10
	APV TRANSPORTED UNDER LG&E'S TGT RATE NNS	COST OF GAS TRANSPORTED UNDER LG&E'S RATE NNS	APV TRANSPORTED UNDER LG&E'S TGT RATE FT	COST OF GAS TRANSPORTED UNDER LG&E'S TGT RATE FT	APV TRANSPORTED UNDER LG&E'S TGT RATE STF	COST OF GAS TRANSPORTED UNDER LG&E'S TGT RATE STF	APV TRANSPORTED UNDER LG&E'S TGPL RATE FT-A	COST OF GAS TRANSPORTED UNDER LG&E'S TGPL RATE FT-A	APV TRANSPORTED UNDER OTHER CAPACITY	COST OF GAS TRANSPORTED UNDER OTHER CAPACITY
Nov 21	1,657,552	\$8,022,754	1,265,000	\$6,090,925	0	\$0	419,998	\$2,035,090	320,000	\$1,476,175
Dec 21	584,829	\$2,090,603	765,000	\$2,714,125	0	\$0	40,000	\$162,100	165,000	\$589,275
Jan 22	1,918,909	\$7,373,705	570,000	\$2,230,275	0	\$0	339,986	\$1,342,446	430,000	\$1,717,200
Feb 22	693,264	\$3,366,341	750,000	\$3,362,200	0	\$0	320,000	\$1,423,000	465,000	\$1,969,550
Mar 22	1,172,727	\$4,947,054	775,000	\$3,275,375	0	\$0	100,000	\$429,000	0	\$0
Apr 22	815,280	\$4,060,520	921,000	\$4,722,045	0	\$0	108,000	\$705,090	0	\$0
May 22	786,656	\$5,396,714	775,000	\$5,259,875	0	\$0	70,000	\$551,350	80,000	\$652,750
Jun 22	761,280	\$5,538,566	743,298	\$5,378,674	0	\$0	300,000	\$2,359,875	0	\$0
Jul 22	1,338,414	\$8,131,563	1,410,000	\$8,590,663	0	\$0	375,000	\$2,394,187	0	\$0
Aug 22	1,339,108	\$10,735,200	1,445,834	\$11,645,640	0	\$0	260,000	\$2,098,900	0	\$0
Sep 22	1,310,802	\$9,269,935	1,508,216	\$11,033,160	0	\$0	165,000	\$1,232,275	355,000	\$2,291,050
Oct 22	1,166,388	\$5,693,439	1,440,000	\$7,146,938	0	\$0	384,860	\$1,770,107	213,210	\$1,053,532
	13,545,209	\$74,626,394	12,368,348	\$71,449,895	0	\$0	2,882,844	\$16,503,420	2,028,210	\$9,749,532

Column	11	12
	TOTAL TRANSPORT GAS (1+3+5+7+9)	TOTAL GAS COMMODITY COSTS (2+4+6+8+10)
Nov 21	3,662,550	\$17,624,944
Dec 21	1,554,829	\$5,556,103
Jan 22	3,258,895	\$12,663,626
Feb 22	2,228,264	\$10,121,091
Mar 22	2,047,727	\$8,651,429
Apr 22	1,844,280	\$9,487,655
May 22	1,711,656	\$11,860,689
Jun 22	1,804,578	\$13,277,115
Jul 22	3,123,414	\$19,116,413
Aug 22	3,044,942	\$24,479,740
Sep 22	3,339,018	\$23,826,420
Oct 22	3,204,458	\$15,664,016
Total	30,824,611	\$172,329,241

**PBR-GAIF
CALCULATION OF SAVINGS AND/OR EXPENSES**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SAVINGS AND EXPENSES
 UNDER PBR GAS ACQUISITION FACTOR ("GAIF")

Column	1	2	3
	BGC FROM COL. 25	AGC FROM COL. 11	SAVINGS/ (EXPENSES) (1 - 2)
Nov 21	\$19,329,572	\$17,624,944	\$1,704,628
Dec 21	\$6,440,844	\$5,556,103	\$884,741
Jan 22	\$13,164,642	\$12,663,626	\$501,016
Feb 22	\$11,236,612	\$10,121,091	\$1,115,521
Mar 22	\$9,381,890	\$8,651,429	\$730,461
Apr 22	\$10,566,520	\$9,487,655	\$1,078,865
May 22	\$12,685,638	\$11,860,689	\$824,949
Jun 22	\$13,954,282	\$13,277,115	\$677,167
Jul 22	\$20,052,989	\$19,116,413	\$936,576
Aug 22	\$25,166,628	\$24,479,740	\$686,888
Sep 22	\$25,438,227	\$23,826,420	\$1,611,807
Oct 22	\$16,460,510	\$15,664,016	\$796,494
Total	\$183,878,354	\$172,329,241	\$11,549,113

**PBR-GAIF
INDICES**

**PBR-GAIF
INDICES
TEXAS GAS – ZONE SL**

LOUISVILLE GAS AND ELECTRIC
CALCULATION OF SUPPLY AREA INDICES
SAI (TGT-SL)

	NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE	PLATTS GAS DAILY AVERAGE LOUISIANA/ SOUTHEAST, TX. GAS, ZONE SL	PLATTS INSIDE FERC's GAS MARKET REPORT LOUISIANA/SOUTHEAST TEXAS GAS, ZONE SL	AVERAGE
Nov. 21	\$5.0960	\$4.8000	\$6.0400	\$5.3120
Dec. 21	\$3.7400	\$3.4892 *	\$5.3100	\$4.1797
Jan. 22	\$4.0880	\$4.0871 *	\$3.9600	\$4.0450
Feb. 22	\$4.6100	\$4.4248 *	\$6.2100	\$5.0816
Mar. 22	\$4.7225	\$5.3000	\$4.2700	\$4.7642
Apr. 22	\$6.2350	\$6.2630 *	\$4.9100 ^	\$5.8027
May 22	\$7.7220	\$8.5979	\$6.9000 ^	\$7.7400
Jun.22	\$7.8475	\$7.0786	\$8.5200 ^	\$7.8154
Jul. 22	\$7.3150	\$5.6500	\$6.1800 ^	\$6.3817
Aug. 22	\$9.2000	\$8.1500	\$8.2000 ^	\$8.5167
Sep. 22	\$8.2525	\$6.9500	\$8.4700 ^	\$7.8908
Oct. 22	\$5.6120	\$5.6500	\$5.2200 ^	\$5.4940

* *Platts Gas Daily*, Midpoint price for "Louisiana/Southeast, Texas Gas Zone SL" failed to post on any day during the month of December 2021, and January, February, and April 2022. Texas Gas Zone 1 was used as the replacement index for Texas Gas Zone SL because it was the proximate pipeline zone.

^ *Inside FERC's Gas Market Report*, Index price for "Louisiana/Southeast, Texas Gas Zone SL" failed to post for April, May, June, July, August, September and October 2022. Texas Gas Zone 1 was used as a replacement index for Texas Gas Zone SL because it was the proximate pipeline zone.

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TEXAS GAS ZONE SL

NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE			NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE		
	MONTHLY AVERAGE			MONTHLY AVERAGE	
11/1/2021	\$5.5200		5/2/2022	\$6.7300	
11/8/2021	\$5.3700		5/9/2022	\$8.0800	
11/15/2021	\$4.8800		5/16/2022	\$7.3200	
11/22/2021	\$4.8500		5/23/2022	\$8.1200	
11/29/2021	\$4.8600	\$5.0960	5/30/2022	\$8.3600	\$7.7220
12/6/2021	\$4.1100		6/6/2022	\$8.4300	
12/13/2021	\$3.6400		6/13/2022	\$8.8100	
12/20/2021	\$3.6800		6/20/2022	\$7.7300	
12/27/2021	\$3.5300	\$3.7400	6/27/2022	\$6.4200	\$7.8475
1/3/2022	\$3.4600		7/4/2022	\$6.3600	
1/10/2022	\$3.7700		7/11/2022	\$6.4700	
1/17/2022	\$4.3100		7/18/2022	\$7.3300	
1/24/2022	\$4.1200		7/25/2022	\$9.1000	\$7.3150
1/31/2022	\$4.7800	\$4.0880	8/1/2022	\$9.6800	
2/7/2022	\$5.4700		8/8/2022	\$8.8200	
2/14/2022	\$4.0300		8/15/2022	\$8.6200	
2/21/2022	\$4.4200		8/22/2022	\$9.1800	
2/28/2022	\$4.5200	\$4.6100	8/29/2022	\$9.7000	\$9.2000
3/7/2022	\$4.5000		9/5/2022	\$9.2100	
3/14/2022	\$4.6400		9/12/2022	\$8.2500	
3/21/2022	\$4.6400		9/19/2022	\$8.3500	
3/28/2022	\$5.1100	\$4.7225	9/26/2022	\$7.2000	\$8.2525
4/4/2022	\$5.3900		10/3/2022	\$6.1000	
4/11/2022	\$6.0600		10/10/2022	\$6.0100	
4/18/2022	\$6.7000		10/17/2022	\$6.1300	
4/25/2022	\$6.7900	\$6.2350	10/24/2022	\$4.9000	
			10/31/2022	\$4.9200	\$5.6120

PBR YEAR 25 PLATTS GAS DAILY MIDPOINT PRICE
LOUISIANA/SOUTHEAST, TX. GAS, ZONE SL

NOVEMBER 2021		DECEMBER 2021		JANUARY 2022		FEBRUARY 2022		MARCH 2022		APRIL 2022	
DAY	MIDPOINT	MIDPOINT		MIDPOINT		DAY	MIDPOINT	MIDPOINT		MIDPOINT	
1	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
2	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
3	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
4	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
5	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
6	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
7	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
8	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
9	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
10	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
11	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
12	\$ 4.8000	\$	-	\$	-	\$	-	\$	-	\$	-
13	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
14	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
15	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
16	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
17	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
18	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
19	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
20	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
21	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
22	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
23	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
24	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
25	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
26	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
27	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
28	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
29	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
30	\$ -	\$	-	\$	-	\$	-	\$	5.3000	\$	-
31	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
TOTAL	\$ 4.8000	\$	-	\$	-	TOTAL	\$ -	\$	5.3000	\$	-
POSTINGS	1		0		0	POSTINGS	0		1		0
AVERAGE	\$ 4.8000	\$	-	\$	-	AVERAGE	\$ -	\$	5.3000	\$	-

MAY 2022		JUNE 2022		JULY 2022		AUGUST 2022		SEPTEMBER 2022		OCTOBER 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 5.1500		
2	\$ -	\$ -	\$ 5.6500	\$ 5.6500		\$ -	\$ -	\$ -	\$ 5.1500		
3	\$ -	\$ -	\$ 5.6500	\$ 5.6500		\$ -	\$ -	\$ -	\$ 5.1500		
4	\$ -	\$ -	\$ 5.6500	\$ 5.6500		\$ -	\$ -	\$ -	\$ 5.5000		
5	\$ -	\$ -	\$ 5.6500	\$ 5.6500		\$ -	\$ -	\$ -	\$ 5.6000		
6	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 6.0000		
7	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 7.0000		
8	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
9	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
10	\$ -	\$ -	\$ -	\$ -		\$ 7.8500	\$ 7.5000	\$ -	\$ -		
11	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 7.5000	\$ -	\$ -		
12	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 7.5000	\$ -	\$ -		
13	\$ -	\$ -	\$ -	\$ -		\$ 8.2500	\$ -	\$ -	\$ -		
14	\$ -	\$ -	\$ -	\$ -		\$ 8.2500	\$ -	\$ -	\$ -		
15	\$ -	\$ -	\$ -	\$ -		\$ 8.2500	\$ -	\$ -	\$ -		
16	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
17	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
18	\$ -	\$ 7.7000	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
19	\$ -	\$ 7.7000	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
20	\$ -	\$ 7.7000	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
21	\$ -	\$ 7.7000	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
22	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
23	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 6.7500	\$ -	\$ -		
24	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
25	\$ 8.7500	\$ 6.2500	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
26	\$ 9.2500	\$ 6.2500	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
27	\$ 9.1850	\$ 6.2500	\$ -	\$ -		\$ -	\$ 5.8700	\$ -	\$ -		
28	\$ 8.2500	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
29	\$ 8.2500	\$ -	\$ -	\$ -		\$ -	\$ 6.5800	\$ -	\$ -		
30	\$ 8.2500	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
31	\$ 8.2500	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -		
TOTAL	\$ 60.1850	\$ 49.5500	\$ 22.6000	\$ -	TOTAL	\$ 32.6000	\$ 41.7000	\$ -	\$ 39.5500		
POSTINGS	7	7	4	0	POSTINGS	4	6	0	7		
AVERAGE	\$ 8.5979	\$ 7.0786	\$ 5.6500	\$ -	AVERAGE	\$ 8.1500	\$ 6.9500	\$ -	\$ 5.6500		

**PBR-GAIF
INDICES
TEXAS GAS – ZONE 1**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGT-Z1)

	NATURAL GAS WEEK LOUISIANA NORTH	PLATTS GAS DAILY AVERAGE LOUISIANA/ SOUTHEAST, TX. GAS, ZONE 1	PLATTS INSIDE FERC's GAS MARKET REPORT LOUISIANA/SOUTHEAST TEXAS GAS, ZONE 1	AVERAGE
Nov. 21	\$4.8760	\$4.8103	\$6.0000	\$5.2288
Dec. 21	\$3.5400	\$3.4892	\$5.2700	\$4.0997
Jan. 22	\$3.9860	\$4.0871	\$3.9200	\$3.9977
Feb. 22	\$4.4175	\$4.4248	\$6.1700	\$5.0041
Mar. 22	\$4.4725	\$4.5434	\$4.2300	\$4.4153
Apr. 22	\$6.0575	\$6.2630	\$4.9100	\$5.7435
May 22	\$7.4440	\$7.6316	\$6.9000	\$7.3252
Jun.22	\$7.5000	\$7.3057	\$8.5200	\$7.7752
Jul. 22	\$6.4025	\$6.7600	\$6.1800	\$6.4475
Aug. 22	\$8.2180	\$8.2226	\$8.2000	\$8.2135
Sep. 22	\$7.2000	\$6.9373	\$8.4700	\$7.5358
Oct. 22	\$4.9080	\$4.9289	\$5.2200	\$5.0190

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TEXAS GAS ZONE 1

	NATURAL GAS WEEK LOUISIANA NORTH	MONTHLY AVERAGE		NATURAL GAS WEEK LOUISIANA NORTH	MONTHLY AVERAGE
11/1/2021	\$5.2300		5/2/2022	\$6.5600	
11/8/2021	\$5.1500		5/9/2022	\$7.7500	
11/15/2021	\$4.5500		5/16/2022	\$7.1400	
11/22/2021	\$4.7400		5/23/2022	\$7.8600	
11/29/2021	\$4.7100	\$4.8760	5/30/2022	\$7.9100	\$7.4440
12/6/2021	\$3.7900		6/6/2022	\$7.8900	
12/13/2021	\$3.4900		6/13/2022	\$8.5100	
12/20/2021	\$3.5100		6/20/2022	\$7.4100	
12/27/2021	\$3.3700	\$3.5400	6/27/2022	\$6.1900	\$7.5000
1/3/2022	\$3.3600		7/4/2022	\$5.7700	
1/10/2022	\$3.7100		7/11/2022	\$5.8100	
1/17/2022	\$4.1600		7/18/2022	\$6.4000	
1/24/2022	\$4.0400		7/25/2022	\$7.6300	\$6.4025
1/31/2022	\$4.6600	\$3.9860	8/1/2022	\$8.1200	
2/7/2022	\$5.2100		8/8/2022	\$7.6400	
2/14/2022	\$3.8500		8/15/2022	\$7.9300	
2/21/2022	\$4.2200		8/22/2022	\$8.5500	
2/28/2022	\$4.3900	\$4.4175	8/29/2022	\$8.8500	\$8.2180
3/7/2022	\$4.3000		9/5/2022	\$8.4100	
3/14/2022	\$4.4700		9/12/2022	\$7.4900	
3/21/2022	\$4.3100		9/19/2022	\$7.2700	
3/28/2022	\$4.8100	\$4.4725	9/26/2022	\$5.6300	\$7.2000
4/4/2022	\$5.2900		10/3/2022	\$4.8000	
4/11/2022	\$5.8500		10/10/2022	\$5.3400	
4/18/2022	\$6.6700		10/17/2022	\$5.4000	
4/25/2022	\$6.4200	\$6.0575	10/24/2022	\$4.6900	
			10/31/2022	\$4.3100	\$4.9080

PBR YEAR 25 PLATTS GAS DAILY MIDPOINT PRICE
LOUISIANA/SOUTHEAST, TX. GAS, ZONE 1

NOVEMBER 2021		DECEMBER 2021		JANUARY 2022		FEBRUARY 2022		MARCH 2022		APRIL 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT
1	\$ 4.9950	\$ 4.1600	\$ 3.4700		\$ 5.0400	\$ 4.0350	\$ 5.3600				
2	\$ 4.9450	\$ 3.8750	\$ 3.4700		\$ 5.2100	\$ 4.1650	\$ 5.3700				
3	\$ 5.2750	\$ 3.7900	\$ 3.4700		\$ 6.0550	\$ 4.4100	\$ 5.3700				
4	\$ 5.4800	\$ 3.6400	\$ 3.3600		\$ 5.5100	\$ 4.3400	\$ 5.3700				
5	\$ 5.5000	\$ 3.6400	\$ 3.6850		\$ 5.1450	\$ 4.4550	\$ 5.4550				
6	\$ 5.0200	\$ 3.6400	\$ 3.7650		\$ 5.1450	\$ 4.4550	\$ 5.8000				
7	\$ 5.0200	\$ 3.4200	\$ 3.7600		\$ 5.1450	\$ 4.4550	\$ 6.1350				
8	\$ 5.0200	\$ 3.4950	\$ 3.7250		\$ 4.0800	\$ 4.6500	\$ 5.8850				
9	\$ 4.9750	\$ 3.5600	\$ 3.7250		\$ 4.0800	\$ 4.4100	\$ 6.0000				
10	\$ 4.5850	\$ 3.4050	\$ 3.7250		\$ 3.7850	\$ 4.3550	\$ 6.0000				
11	\$ 4.3200	\$ 3.5200	\$ 3.9500		\$ 3.6550	\$ 4.4750	\$ 6.0000				
12	\$ 4.5350	\$ 3.5200	\$ 3.8450		\$ 3.7000	\$ 4.5150	\$ 6.1250				
13	\$ 4.5950	\$ 3.5200	\$ 4.3900		\$ 3.7000	\$ 4.5150	\$ 6.3650				
14	\$ 4.5950	\$ 3.7400	\$ 4.4600		\$ 3.7000	\$ 4.5150	\$ 6.5200				
15	\$ 4.5950	\$ 3.4050	\$ 4.1600		\$ 3.8650	\$ 4.2950	\$ 6.7900				
16	\$ 4.4550	\$ 3.4850	\$ 4.1600		\$ 3.9400	\$ 4.1300	\$ 6.7900				
17	\$ 4.8600	\$ 3.4800	\$ 4.1600		\$ 4.1650	\$ 4.2800	\$ 6.7900				
18	\$ 4.7650	\$ 3.5000	\$ 4.1600		\$ 4.4250	\$ 4.4250	\$ 6.7900				
19	\$ 4.8150	\$ 3.5000	\$ 4.3500		\$ 4.2750	\$ 4.3300	\$ 7.4650				
20	\$ 4.7650	\$ 3.5000	\$ 4.6100		\$ 4.2750	\$ 4.3300	\$ 6.7600				
21	\$ 4.7650	\$ 3.7400	\$ 3.9850		\$ 4.2750	\$ 4.3300	\$ 6.5650				
22	\$ 4.7650	\$ 3.7400	\$ 3.8700		\$ 4.2750	\$ 4.2500	\$ 6.5700				
23	\$ 4.5150	\$ 3.6850	\$ 3.8700		\$ 4.3000	\$ 4.5200	\$ 6.2200				
24	\$ 4.6550	\$ 3.0850	\$ 3.8700		\$ 4.4600	\$ 4.7850	\$ 6.2200				
25	\$ 4.7750	\$ 3.0850	\$ 4.0600		\$ 4.6700	\$ 4.7600	\$ 6.2200				
26	\$ 4.7750	\$ 3.0850	\$ 4.0100		\$ 4.3400	\$ 5.1450	\$ 6.2850				
27	\$ 4.7750	\$ 3.0850	\$ 4.2150		\$ 4.3400	\$ 5.1450	\$ 6.7000				
28	\$ 4.7750	\$ 3.0650	\$ 4.3700		\$ 4.3400	\$ 5.1450	\$ 6.8400				
29	\$ 4.7750	\$ 3.2800	\$ 5.3500		\$ 5.3500	\$ 5.1800	\$ 6.5650				
30	\$ 4.6200	\$ 3.2600	\$ 5.3500			\$ 4.9350	\$ 6.5650				
31		\$ 3.2600	\$ 5.3500			\$ 5.1100					
TOTAL	\$ 144.3100	\$ 108.1650	\$ 126.7000	TOTAL	\$ 123.8950	\$ 140.8450	\$ 187.8900				
POSTINGS	30	31	31	POSTINGS	28	31	30				
AVERAGE	\$ 4.8103	\$ 3.4892	\$ 4.0871	AVERAGE	\$ 4.4248	\$ 4.5434	\$ 6.2630				

MAY 2022		JUNE 2022		JULY 2022		AUGUST 2022		SEPTEMBER 2022		OCTOBER 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 6.5350	\$ 8.0050	\$ 6.0950	\$ 7.8500		\$ 8.4450	\$ 4.5400				
2	\$ 6.5350	\$ 8.0500	\$ 5.3450	\$ 7.6550		\$ 8.6900	\$ 4.5400				
3	\$ 7.0900	\$ 8.2700	\$ 5.3450	\$ 7.4000		\$ 8.1800	\$ 4.5400				
4	\$ 7.7550	\$ 7.8000	\$ 5.3450	\$ 7.3750		\$ 8.1800	\$ 4.7800				
5	\$ 8.0200	\$ 7.8000	\$ 5.3450	\$ 7.7250		\$ 8.1800	\$ 5.1650				
6	\$ 7.9050	\$ 7.8000	\$ 5.5500	\$ 7.7150		\$ 8.1800	\$ 5.9700				
7	\$ 7.9050	\$ 8.6100	\$ 5.5750	\$ 7.7150		\$ 7.7600	\$ 6.1550				
8	\$ 7.9050	\$ 8.8150	\$ 5.8050	\$ 7.7150		\$ 7.4350	\$ 5.5450				
9	\$ 7.9050	\$ 9.0450	\$ 5.9250	\$ 7.4900		\$ 7.3950	\$ 5.5450				
10	\$ 7.1200	\$ 7.7350	\$ 5.9250	\$ 7.6050		\$ 7.2400	\$ 5.5450				
11	\$ 6.4000	\$ 8.1350	\$ 5.9250	\$ 7.7750		\$ 7.2400	\$ 5.5100				
12	\$ 7.3100	\$ 8.1350	\$ 6.3700	\$ 8.0250		\$ 7.2400	\$ 5.3450				
13	\$ 7.3300	\$ 8.1350	\$ 6.2150	\$ 8.1350		\$ 7.4650	\$ 5.7450				
14	\$ 7.2050	\$ 8.4650	\$ 6.3400	\$ 8.1350		\$ 7.6400	\$ 5.4400				
15	\$ 7.2050	\$ 6.8500	\$ 6.4950	\$ 8.1350		\$ 7.9400	\$ 5.2750				
16	\$ 7.2050	\$ 7.3500	\$ 6.4750	\$ 8.0850		\$ 7.4850	\$ 5.2750				
17	\$ 7.7800	\$ 7.5850	\$ 6.4750	\$ 8.7100		\$ 7.0000	\$ 5.2750				
18	\$ 8.0000	\$ 6.8850	\$ 6.4750	\$ 8.7700		\$ 7.0000	\$ 5.5200				
19	\$ 8.1550	\$ 6.8850	\$ 7.2550	\$ 8.7050		\$ 7.0000	\$ 5.5900				
20	\$ 7.9150	\$ 6.8850	\$ 7.1150	\$ 8.3850		\$ 7.0900	\$ 5.0950				
21	\$ 7.7250	\$ 6.8850	\$ 7.3400	\$ 8.3850		\$ 6.9600	\$ 4.5250				
22	\$ 7.7250	\$ 6.4800	\$ 7.7550	\$ 8.3850		\$ 6.6050	\$ 3.7300				
23	\$ 7.7250	\$ 6.3700	\$ 8.0350	\$ 8.8500		\$ 6.3000	\$ 3.7300				
24	\$ 7.9100	\$ 6.0650	\$ 8.0350	\$ 9.2000		\$ 5.0450	\$ 3.7300				
25	\$ 8.4150	\$ 5.7750	\$ 8.0350	\$ 8.7700		\$ 5.0450	\$ 4.2100				
26	\$ 8.7200	\$ 5.7750	\$ 8.2350	\$ 8.7300		\$ 5.0450	\$ 4.6250				
27	\$ 8.5400	\$ 5.7750	\$ 8.6650	\$ 8.7700		\$ 4.8350	\$ 4.8250				
28	\$ 7.6600	\$ 5.8850	\$ 8.2750	\$ 8.7700		\$ 5.2300	\$ 4.6650				
29	\$ 7.6600	\$ 6.4550	\$ 7.9300	\$ 8.7700		\$ 5.1400	\$ 4.1200				
30	\$ 7.6600	\$ 6.4650	\$ 7.9300	\$ 8.7700		\$ 5.1300	\$ 4.1200				
31	\$ 7.6600		\$ 7.9300	\$ 8.3950			\$ 4.1200				
TOTAL	\$ 236.5800	\$ 219.1700	\$ 209.5600	TOTAL	\$254.9000	\$ 208.1200	\$ 152.7950				
POSTINGS	31	30	31	POSTINGS	31	30	31				
AVERAGE	\$ 7.6316	\$ 7.3057	\$ 6.7600	AVERAGE	\$ 8.2226	\$ 6.9373	\$ 4.9289				

**PBR-GAIF
INDICES
TEXAS GAS – ZONE 4**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGT-Z4)

	NATURAL GAS WEEK APPALACHIA LEBANON HUB	PLATTS GAS DAILY AVERAGE APPALACHIA LEBANON HUB	PLATTS INSIDE FERC's GAS MARKET REPORT APPALACHIA, LEBANON HUB	AVERAGE
Nov. 21	\$4.9860	\$4.8178	\$5.9900	\$5.2646
Dec. 21	\$3.6450	\$3.4356	\$5.2700	\$4.1169
Jan. 22	\$4.0980	\$4.0840	\$4.0700	\$4.0840
Feb. 22	\$4.3175	\$4.4245	\$6.2700	\$5.0040
Mar. 22	\$4.4575	\$4.5123	\$4.2500	\$4.4066
Apr. 22	\$5.9925	\$6.2402	\$4.8400	\$5.6909
May 22	\$7.4250	\$7.6215	\$6.8200	\$7.2888
Jun. 22	\$7.3025	\$7.2575	\$8.4900	\$7.6833
Jul. 22	\$6.5375	\$6.6827	\$6.1200	\$6.4467
Aug. 22	\$8.2500	\$8.1673	\$8.1600	\$8.1924
Sep. 22	\$7.1675	\$6.9162	\$8.5000	\$7.5279
Oct. 22	\$5.0280	\$4.8950	\$5.2700	\$5.0643

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TEXAS GAS ZONE 4

	NATURAL GAS WEEK APPALACHIA LEBANON HUB	MONTHLY AVERAGE		NATURAL GAS WEEK APPALACHIA LEBANON HUB	MONTHLY AVERAGE
11/1/2021	\$5.2500		5/2/2022	\$6.6000	
11/8/2021	\$5.2500		5/9/2022	-	
11/15/2021	\$4.8600		5/16/2022	\$7.0100	
11/22/2021	\$4.7500		5/23/2022	\$7.9100	
11/29/2021	\$4.8200	\$4.9860	5/30/2022	\$8.1800	\$7.4250
12/6/2021	\$4.0300		6/6/2022	\$7.8500	
12/13/2021	\$3.4600		6/13/2022	\$8.1100	
12/20/2021	\$3.4000		6/20/2022	\$7.2100	
12/27/2021	\$3.6900	\$3.6450	6/27/2022	\$6.0400	\$7.3025
1/3/2022	\$3.5500		7/4/2022	\$6.1600	
1/10/2022	\$3.7800		7/11/2022	\$5.9000	
1/17/2022	\$4.1800		7/18/2022	\$6.4300	
1/24/2022	\$4.1800		7/25/2022	\$7.6600	\$6.5375
1/31/2022	\$4.8000	\$4.0980	8/1/2022	\$8.3100	
2/7/2022	\$5.1500		8/8/2022	\$7.7300	
2/14/2022	\$3.9200		8/15/2022	\$8.0500	
2/21/2022	\$3.8500		8/22/2022	\$8.4600	
2/28/2022	\$4.3500	\$4.3175	8/29/2022	\$8.7000	\$8.2500
3/7/2022	\$4.1100		9/5/2022	\$8.4300	
3/14/2022	\$4.5100		9/12/2022	\$7.5000	
3/21/2022	\$4.2400		9/19/2022	\$6.8800	
3/28/2022	\$4.9700	\$4.4575	9/26/2022	\$5.8600	\$7.1675
4/4/2022	\$5.1800		10/3/2022	\$4.8000	
4/11/2022	\$5.9200		10/10/2022	\$6.1600	
4/18/2022	\$6.4300		10/17/2022	\$5.4400	
4/25/2022	\$6.4400	\$5.9925	10/24/2022	\$4.4800	
			10/31/2022	\$4.2600	\$5.0280

PBR YEAR 25 PLATTS GAS DAILY MIDPOINT PRICE
 APPALACHIA, LEBANON HUB

NOVEMBER 2021		DECEMBER 2021		JANUARY 2022		FEBRUARY 2022		MARCH 2022		APRIL 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT
1	\$ 5.0200	\$ 4.0650	\$ 3.4600		\$ 5.1900	\$ 4.0150	\$ 5.3400				
2	\$ 4.9700	\$ 3.8550	\$ 3.4600		\$ 5.2000	\$ 4.1600	\$ 5.3350				
3	\$ 5.2750	\$ 3.7700	\$ 3.4600		\$ 5.9550	\$ 4.4100	\$ 5.3350				
4	\$ 5.4700	\$ 3.6650	\$ 3.3350		\$ 5.4800	\$ 4.3200	\$ 5.3350				
5	\$ 5.4900	\$ 3.6650	\$ 3.7900		\$ 5.0850	\$ 4.4200	\$ 5.4250				
6	\$ 5.0500	\$ 3.6650	\$ 4.1200		\$ 5.0850	\$ 4.4200	\$ 5.7950				
7	\$ 5.0500	\$ 3.4100	\$ 3.8350		\$ 5.0850	\$ 4.4200	\$ 6.1200				
8	\$ 5.0500	\$ 3.5300	\$ 3.7200		\$ 4.0450	\$ 4.6000	\$ 5.8850				
9	\$ 4.9700	\$ 3.5400	\$ 3.7200		\$ 4.0250	\$ 4.3900	\$ 5.9650				
10	\$ 4.5300	\$ 3.4250	\$ 3.7200		\$ 3.7550	\$ 4.3650	\$ 5.9650				
11	\$ 4.4800	\$ 3.4850	\$ 3.9150		\$ 3.6250	\$ 4.4450	\$ 5.9650				
12	\$ 4.4650	\$ 3.4850	\$ 3.8100		\$ 3.7350	\$ 4.5200	\$ 6.1050				
13	\$ 4.6700	\$ 3.4850	\$ 4.4000		\$ 3.7350	\$ 4.5200	\$ 6.3150				
14	\$ 4.6700	\$ 3.6600	\$ 4.4400		\$ 3.7350	\$ 4.5200	\$ 6.5150				
15	\$ 4.6700	\$ 3.3400	\$ 4.1400		\$ 3.8200	\$ 4.2050	\$ 6.7350				
16	\$ 4.5400	\$ 3.4850	\$ 4.1400		\$ 3.9100	\$ 4.0400	\$ 6.7350				
17	\$ 4.8350	\$ 3.4350	\$ 4.1400		\$ 4.1650	\$ 4.1800	\$ 6.7350				
18	\$ 4.7150	\$ 3.3700	\$ 4.1400		\$ 4.4000	\$ 4.3650	\$ 6.7350				
19	\$ 4.7900	\$ 3.3700	\$ 4.4550		\$ 4.3100	\$ 4.2800	\$ 7.5000				
20	\$ 4.7600	\$ 3.3700	\$ 4.6200		\$ 4.3100	\$ 4.2800	\$ 6.8150				
21	\$ 4.7600	\$ 3.6950	\$ 4.0150		\$ 4.3100	\$ 4.2800	\$ 6.5050				
22	\$ 4.7600	\$ 3.7150	\$ 3.8550		\$ 4.3100	\$ 4.1650	\$ 6.5250				
23	\$ 4.5350	\$ 3.6450	\$ 3.8550		\$ 4.3100	\$ 4.4700	\$ 6.1900				
24	\$ 4.6250	\$ 3.0150	\$ 3.8550		\$ 4.5150	\$ 4.7350	\$ 6.1900				
25	\$ 4.7550	\$ 3.0150	\$ 4.0950		\$ 4.7100	\$ 4.7050	\$ 6.1900				
26	\$ 4.7550	\$ 3.0150	\$ 4.0100		\$ 4.3600	\$ 5.1900	\$ 6.3850				
27	\$ 4.7550	\$ 3.0150	\$ 4.2250		\$ 4.3600	\$ 5.1900	\$ 6.7200				
28	\$ 4.7550	\$ 2.9350	\$ 4.3950		\$ 4.3600	\$ 5.1900	\$ 6.8450				
29	\$ 4.7550	\$ 3.2000	\$ 5.1600		\$ 5.0950	\$ 5.0950	\$ 6.5000				
30	\$ 4.6100	\$ 3.0900	\$ 5.1600		\$ 4.8950	\$ 4.8950	\$ 6.5000				
31		\$ 3.0900	\$ 5.1600		\$ 5.0900						
TOTAL	\$ 144.5350	\$ 106.5050	\$ 126.6050	TOTAL	\$ 123.8850	\$ 139.8800	\$ 187.2050				
POSTINGS	30	31	31	POSTINGS	28	31	30				
AVERAGE	\$ 4.8178	\$ 3.4356	\$ 4.0840	AVERAGE	\$ 4.4245	\$ 4.5123	\$ 6.2402				

MAY 2022		JUNE 2022		JULY 2022		AUGUST 2022		SEPTEMBER 2022		OCTOBER 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	
1	\$ 6.4950	\$ 7.9350	\$ 5.9700	\$ 7.8600		\$ 8.3550	\$ 4.3200				
2	\$ 6.4950	\$ 7.9850	\$ 5.2500	\$ 7.6750		\$ 8.6500	\$ 4.3200				
3	\$ 7.0500	\$ 8.1800	\$ 5.2500	\$ 7.3950		\$ 8.2750	\$ 4.3200				
4	\$ 7.8800	\$ 7.7400	\$ 5.2500	\$ 7.4200		\$ 8.2750	\$ 4.7050				
5	\$ 7.9450	\$ 7.7400	\$ 5.2500	\$ 7.7200		\$ 8.2750	\$ 5.1300				
6	\$ 7.9100	\$ 7.7400	\$ 5.3650	\$ 7.7300		\$ 8.2750	\$ 6.0000				
7	\$ 7.8700	\$ 8.5750	\$ 5.3400	\$ 7.7300		\$ 7.7600	\$ 6.2100				
8	\$ 7.8700	\$ 8.7950	\$ 5.7700	\$ 7.7300		\$ 7.5050	\$ 5.4750				
9	\$ 7.8700	\$ 8.9650	\$ 5.8600	\$ 7.4500		\$ 7.3900	\$ 5.4750				
10	\$ 7.1750	\$ 7.7700	\$ 5.8600	\$ 7.6100		\$ 7.2850	\$ 5.4750				
11	\$ 6.4450	\$ 8.1600	\$ 5.8600	\$ 7.6500		\$ 7.2850	\$ 5.4500				
12	\$ 7.3400	\$ 8.1600	\$ 6.3650	\$ 8.0750		\$ 7.2850	\$ 5.2850				
13	\$ 7.2350	\$ 8.1600	\$ 6.3150	\$ 8.1700		\$ 7.4700	\$ 5.7150				
14	\$ 7.2000	\$ 8.3550	\$ 6.3300	\$ 8.1700		\$ 7.6600	\$ 5.4100				
15	\$ 7.2000	\$ 6.9000	\$ 6.5000	\$ 8.1700		\$ 7.9600	\$ 5.2800				
16	\$ 7.2000	\$ 7.2100	\$ 6.2850	\$ 7.9700		\$ 7.5650	\$ 5.2800				
17	\$ 7.7250	\$ 7.5000	\$ 6.2850	\$ 8.6200		\$ 6.9150	\$ 5.2800				
18	\$ 7.9950	\$ 6.7650	\$ 6.2850	\$ 8.7200		\$ 6.9150	\$ 5.6000				
19	\$ 8.0650	\$ 6.7650	\$ 7.2500	\$ 8.6100		\$ 6.9150	\$ 5.5500				
20	\$ 7.8950	\$ 6.7650	\$ 7.1800	\$ 8.3000		\$ 6.9950	\$ 5.0950				
21	\$ 7.7150	\$ 6.7650	\$ 7.3400	\$ 8.3000		\$ 6.9200	\$ 4.5300				
22	\$ 7.7150	\$ 6.3800	\$ 7.6550	\$ 8.3000		\$ 6.7200	\$ 3.7000				
23	\$ 7.7150	\$ 6.3700	\$ 8.0150	\$ 8.8500		\$ 6.1400	\$ 3.7000				
24	\$ 7.9400	\$ 6.1700	\$ 8.0150	\$ 9.0900		\$ 4.8500	\$ 3.7000				
25	\$ 8.3700	\$ 5.7500	\$ 8.0150	\$ 8.5700		\$ 4.8500	\$ 4.2350				
26	\$ 8.7950	\$ 5.7500	\$ 8.2000	\$ 8.5350		\$ 4.8500	\$ 4.6450				
27	\$ 8.4950	\$ 5.7500	\$ 8.5600	\$ 8.6150		\$ 4.9500	\$ 4.8100				
28	\$ 7.6650	\$ 5.8000	\$ 8.2950	\$ 8.6150		\$ 5.1650	\$ 4.7200				
29	\$ 7.6650	\$ 6.3900	\$ 7.7500	\$ 8.6150		\$ 5.0400	\$ 4.1100				
30	\$ 7.6650	\$ 6.4350	\$ 7.7500	\$ 8.6250		\$ 4.9900	\$ 4.1100				
31	\$ 7.6650		\$ 7.7500	\$ 8.2950			\$ 4.1100				
TOTAL	\$ 236.2650	\$ 217.7250	\$ 207.1650	TOTAL	\$253.1850	\$ 207.4850	\$ 151.7450				
POSTINGS	31	30	31	POSTINGS	31	30	31				
AVERAGE	\$ 7.6215	\$ 7.2575	\$ 6.6827	AVERAGE	\$ 8.1673	\$ 6.9162	\$ 4.8950				

**PBR-GAIF
INDICES
TENNESSEE – ZONE 0**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGPL-Z0)

	NATURAL GAS WEEK TEXAS, CENTRAL, ONSHORE	PLATTS GAS DAILY AVERAGE EAST TEXAS, TENNESSEE, ZONE 0	PLATTS INSIDE FERC's GAS MARKET REPORT EAST TEXAS, TENNESSEE, ZONE 0	AVERAGE
Nov. 21	\$4.9000	\$4.7702	\$6.0300	\$5.2334
Dec. 21	\$3.5350	\$3.4937	\$5.2800	\$4.1029
Jan. 22	\$3.9220	\$4.0334	\$3.9900	\$3.9818
Feb. 22	\$4.4925	\$4.4045	\$6.1700	\$5.0223
Mar. 22	\$4.4700	\$4.5108	\$4.2900	\$4.4236
Apr. 22	\$6.0375	\$6.2337	\$4.9400	\$5.7371
May 22	\$7.5360	\$7.6860	\$6.9300	\$7.3840
Jun.22	\$7.4500	\$7.2025	\$8.5800	\$7.7442
Jul. 22	\$6.3450	\$6.6560	\$6.1300	\$6.3770
Aug. 22	\$8.1920	\$8.1448	\$8.1800	\$8.1723
Sep. 22	\$7.3050	\$6.8638	\$8.5400	\$7.5696
Oct. 22	\$4.9260	\$4.7060	\$5.0800	\$4.9040

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TENNESSEE ZONE 0

NATURAL GAS WEEK TEXAS, CENTRAL, ONSHORE			NATURAL GAS WEEK TEXAS, CENTRAL, ONSHORE		
		MONTHLY AVERAGE			MONTHLY AVERAGE
11/1/2021	\$5.4200		5/2/2022	\$6.5500	
11/8/2021	\$5.1800		5/9/2022	\$7.8900	
11/15/2021	\$4.6200		5/16/2022	\$7.2400	
11/22/2021	\$4.6800		5/23/2022	\$7.8700	
11/29/2021	\$4.6000	\$4.9000	5/30/2022	\$8.1300	\$7.5360
12/6/2021	\$3.8700		6/6/2022	\$8.0800	
12/13/2021	\$3.4600		6/13/2022	\$8.3600	
12/20/2021	\$3.5100		6/20/2022	\$7.2800	
12/27/2021	\$3.3000	\$3.5350	6/27/2022	\$6.0800	\$7.4500
1/3/2022	\$3.4000		7/4/2022	\$5.7900	
1/10/2022	\$3.6200		7/11/2022	\$5.6700	
1/17/2022	\$4.1300		7/18/2022	\$6.3600	
1/24/2022	\$4.0300		7/25/2022	\$7.5600	\$6.3450
1/31/2022	\$4.4300	\$3.9220	8/1/2022	\$8.2000	
2/7/2022	\$5.5300		8/8/2022	\$7.5600	
2/14/2022	\$3.8500		8/15/2022	\$7.9600	
2/21/2022	\$4.2000		8/22/2022	\$8.5100	
2/28/2022	\$4.3900	\$4.4925	8/29/2022	\$8.7300	\$8.1920
3/7/2022	\$4.3800		9/5/2022	\$8.4700	
3/14/2022	\$4.4800		9/12/2022	\$7.4300	
3/21/2022	\$4.2200		9/19/2022	\$7.3800	
3/28/2022	\$4.8000	\$4.4700	9/26/2022	\$5.9400	\$7.3050
4/4/2022	\$5.2200		10/3/2022	\$4.8200	
4/11/2022	\$5.9300		10/10/2022	\$5.4100	
4/18/2022	\$6.5100		10/17/2022	\$5.3700	
4/25/2022	\$6.4900	\$6.0375	10/24/2022	\$4.6100	
			10/31/2022	\$4.4200	\$4.9260

PBR YEAR 25 PLATTS GAS DAILY MIDPOINT PRICE
EAST TEXAS, TENNESSEE, ZONE 0

NOVEMBER 2021		DECEMBER 2021		JANUARY 2022		FEBRUARY 2022		MARCH 2022		APRIL 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 5.1250	\$ 4.2150	\$ 3.5050		\$ 5.0100	\$ 4.0700	\$ 5.2950				
2	\$ 4.8250	\$ 3.8900	\$ 3.5050		\$ 5.2150	\$ 4.2050	\$ 5.2750				
3	\$ 5.1850	\$ 3.8100	\$ 3.5050		\$ 6.2150	\$ 4.4100	\$ 5.2750				
4	\$ 5.4400	\$ 3.7000	\$ 3.4050		\$ 5.8450	\$ 4.3500	\$ 5.2750				
5	\$ 5.5050	\$ 3.7000	\$ 3.6150		\$ 5.0350	\$ 4.4700	\$ 5.4500				
6	\$ 5.0550	\$ 3.7000	\$ 3.7500		\$ 5.0350	\$ 4.4700	\$ 5.8050				
7	\$ 5.0550	\$ 3.4300	\$ 3.7200		\$ 5.0350	\$ 4.4700	\$ 6.1300				
8	\$ 5.0550	\$ 3.5250	\$ 3.6450		\$ 4.0300	\$ 4.6550	\$ 5.9450				
9	\$ 4.9250	\$ 3.6700	\$ 3.6450		\$ 4.0300	\$ 4.4300	\$ 5.9800				
10	\$ 4.5750	\$ 3.4150	\$ 3.6450		\$ 3.7600	\$ 4.3550	\$ 5.9800				
11	\$ 4.2900	\$ 3.5000	\$ 3.9150		\$ 3.6350	\$ 4.4700	\$ 5.9800				
12	\$ 4.5200	\$ 3.5000	\$ 3.8800		\$ 3.6700	\$ 4.4750	\$ 6.0950				
13	\$ 4.5950	\$ 3.5000	\$ 4.3150		\$ 3.6700	\$ 4.4750	\$ 6.3200				
14	\$ 4.5950	\$ 3.7300	\$ 4.4650		\$ 3.6700	\$ 4.4750	\$ 6.4700				
15	\$ 4.5950	\$ 3.3600	\$ 4.1300		\$ 3.8200	\$ 4.2600	\$ 6.7950				
16	\$ 4.4300	\$ 3.5000	\$ 4.1300		\$ 3.9400	\$ 4.0950	\$ 6.7950				
17	\$ 4.8250	\$ 3.5400	\$ 4.1300		\$ 4.1700	\$ 4.1650	\$ 6.7950				
18	\$ 4.7250	\$ 3.5050	\$ 4.1300		\$ 4.4050	\$ 4.5150	\$ 6.7950				
19	\$ 4.7800	\$ 3.5050	\$ 4.2600		\$ 4.2150	\$ 4.1950	\$ 7.4050				
20	\$ 4.7250	\$ 3.5050	\$ 4.6000		\$ 4.2150	\$ 4.1950	\$ 6.8300				
21	\$ 4.7250	\$ 3.7600	\$ 4.0700		\$ 4.2150	\$ 4.1950	\$ 6.6100				
22	\$ 4.7250	\$ 3.6950	\$ 3.8000		\$ 4.2150	\$ 4.2250	\$ 6.4350				
23	\$ 4.4100	\$ 3.6800	\$ 3.8000		\$ 4.3050	\$ 4.5300	\$ 6.1100				
24	\$ 4.6100	\$ 3.0800	\$ 3.8000		\$ 4.4050	\$ 4.7400	\$ 6.1100				
25	\$ 4.6300	\$ 3.0800	\$ 3.8900		\$ 4.6650	\$ 4.7500	\$ 6.1100				
26	\$ 4.6300	\$ 3.0800	\$ 3.9550		\$ 4.3000	\$ 5.0150	\$ 6.2900				
27	\$ 4.6300	\$ 3.0800	\$ 4.2150		\$ 4.3000	\$ 5.0150	\$ 6.6550				
28	\$ 4.6300	\$ 3.0450	\$ 4.2200		\$ 4.3000	\$ 5.0150	\$ 6.8500				
29	\$ 4.6300	\$ 3.2250	\$ 5.1300			\$ 5.1400	\$ 6.5750				
30	\$ 4.6600	\$ 3.1900	\$ 5.1300			\$ 4.9700	\$ 6.5750				
31		\$ 3.1900	\$ 5.1300			\$ 5.0350					
TOTAL	\$ 143.1050	\$ 108.3050	\$ 125.0350	TOTAL	\$ 123.3250	\$ 139.8350	\$ 187.0100				
POSTINGS	30	31	31	POSTINGS	28	31	30				
AVERAGE	\$ 4.7702	\$ 3.4937	\$ 4.0334	AVERAGE	\$ 4.4045	\$ 4.5108	\$ 6.2337				

MAY 2022		JUNE 2022		JULY 2022		AUGUST 2022		SEPTEMBER 2022		OCTOBER 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 6.4700	\$ 8.0750	\$ 6.0250	\$ 7.9000		\$ 8.3000	\$ 4.3900				
2	\$ 6.4700	\$ 8.1850	\$ 5.1900	\$ 7.5700		\$ 8.7200	\$ 4.3900				
3	\$ 7.1250	\$ 8.2100	\$ 5.1900	\$ 7.2450		\$ 8.1650	\$ 4.3900				
4	\$ 7.8000	\$ 7.9200	\$ 5.1900	\$ 7.2800		\$ 8.1650	\$ 4.4450				
5	\$ 8.1000	\$ 7.9200	\$ 5.1900	\$ 7.7200		\$ 8.1650	\$ 4.9850				
6	\$ 7.9850	\$ 7.9200	\$ 5.3950	\$ 7.6000		\$ 8.1650	\$ 5.8100				
7	\$ 7.9350	\$ 8.6450	\$ 5.2450	\$ 7.6000		\$ 7.7400	\$ 6.0050				
8	\$ 7.9350	\$ 8.9250	\$ 5.4950	\$ 7.6000		\$ 7.3400	\$ 5.1800				
9	\$ 7.9350	\$ 9.1650	\$ 5.7950	\$ 7.2950		\$ 7.3650	\$ 5.1800				
10	\$ 7.1400	\$ 7.3450	\$ 5.7950	\$ 7.5500		\$ 7.1050	\$ 5.1800				
11	\$ 6.5050	\$ 7.9450	\$ 5.7950	\$ 7.5650		\$ 7.1050	\$ 5.2850				
12	\$ 7.3100	\$ 7.9450	\$ 6.2500	\$ 8.1000		\$ 7.1050	\$ 5.3200				
13	\$ 7.2550	\$ 7.9450	\$ 6.2200	\$ 8.2100		\$ 7.4500	\$ 5.5750				
14	\$ 7.2550	\$ 8.1000	\$ 6.2750	\$ 8.2100		\$ 7.5950	\$ 5.3400				
15	\$ 7.2550	\$ 6.7150	\$ 6.5150	\$ 8.2100		\$ 7.8200	\$ 4.9850				
16	\$ 7.2550	\$ 7.1550	\$ 6.1750	\$ 8.0400		\$ 7.3700	\$ 4.9850				
17	\$ 7.7550	\$ 7.4850	\$ 6.1750	\$ 8.6700		\$ 6.7600	\$ 4.9850				
18	\$ 8.0150	\$ 6.6300	\$ 6.1750	\$ 8.9250		\$ 6.7600	\$ 5.2300				
19	\$ 8.1750	\$ 6.6300	\$ 7.1600	\$ 8.6900		\$ 6.7600	\$ 5.3000				
20	\$ 7.9850	\$ 6.6300	\$ 7.0900	\$ 8.3050		\$ 6.8100	\$ 4.9200				
21	\$ 7.7500	\$ 6.6300	\$ 7.2250	\$ 8.3050		\$ 6.7500	\$ 4.2550				
22	\$ 7.7500	\$ 6.2450	\$ 7.5700	\$ 8.3050		\$ 6.8850	\$ 3.3050				
23	\$ 7.7500	\$ 6.3200	\$ 7.8100	\$ 8.9100		\$ 6.3300	\$ 3.3050				
24	\$ 7.9500	\$ 5.9150	\$ 7.8100	\$ 8.8950		\$ 5.1100	\$ 3.3050				
25	\$ 8.5350	\$ 5.6350	\$ 7.8100	\$ 8.5350		\$ 5.1100	\$ 4.0350				
26	\$ 9.0000	\$ 5.6350	\$ 8.1300	\$ 8.7250		\$ 5.1100	\$ 4.5600				
27	\$ 8.6700	\$ 5.6350	\$ 8.7300	\$ 8.5950		\$ 4.7150	\$ 4.5700				
28	\$ 7.8000	\$ 5.8800	\$ 8.2500	\$ 8.5950		\$ 5.2250	\$ 4.5350				
29	\$ 7.8000	\$ 6.2950	\$ 8.2200	\$ 8.5950		\$ 4.9850	\$ 4.0450				
30	\$ 7.8000	\$ 6.3950	\$ 8.2200	\$ 8.4350		\$ 4.9300	\$ 4.0450				
31	\$ 7.8000		\$ 8.2200	\$ 8.3100			\$ 4.0450				
TOTAL	\$ 238.2650	\$ 216.0750	\$ 206.3350	TOTAL	\$252.4900	\$ 205.9150	\$ 145.8850				
POSTINGS	31	30	31	POSTINGS	31	30	31				
AVERAGE	\$ 7.6860	\$ 7.2025	\$ 6.6560	AVERAGE	\$ 8.1448	\$ 6.8638	\$ 4.7060				

**PBR-GAIF
INDICES
TENNESSEE – ZONE 1**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGPL-Z1)

	NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE	PLATTS GAS DAILY AVERAGE LOUISIANA/ SOUTHEAST, TENNESSEE, 500 LEG	PLATTS INSIDE FERC'S GAS MARKET REPORT LOUISIANA/SOUTHEAST, TENNESSEE, LOUISIANA, 500 LEG	AVERAGE
Nov. 21	\$5.0960	\$5.0107	\$6.1600	\$5.4222
Dec. 21	\$3.7400	\$3.6571	\$5.3700	\$4.2557
Jan. 22	\$4.0880	\$4.1995	\$3.9700	\$4.0858
Feb. 22	\$4.6100	\$4.5909	\$6.2500	\$5.1503
Mar. 22	\$4.7225	\$4.7911	\$4.4800	\$4.6645
Apr. 22	\$6.2350	\$6.4265	\$5.2300	\$5.9638
May 22	\$7.7220	\$7.9837	\$7.1900	\$7.6319
Jun.22	\$7.8475	\$7.8313	\$8.8800	\$8.1863
Jul. 22	\$7.3150	\$7.3085	\$6.7400	\$7.1212
Aug. 22	\$9.2000	\$8.8232	\$8.8300	\$8.9511
Sep. 22	\$8.2525	\$7.9227	\$9.3700	\$8.5151
Oct. 22	\$5.6120	\$5.3508	\$6.6800	\$5.8809

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TENNESSEE, 500 LEG

NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE			NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE		
	MONTHLY AVERAGE		MONTHLY AVERAGE		MONTHLY AVERAGE
11/1/2021	\$5.5200		5/2/2022	\$6.7300	
11/8/2021	\$5.3700		5/9/2022	\$8.0800	
11/15/2021	\$4.8800		5/16/2022	\$7.3200	
11/22/2021	\$4.8500		5/23/2022	\$8.1200	
11/29/2021	\$4.8600	\$5.0960	5/30/2022	\$8.3600	\$7.7220
12/6/2021	\$4.1100		6/6/2022	\$8.4300	
12/13/2021	\$3.6400		6/13/2022	\$8.8100	
12/20/2021	\$3.6800		6/20/2022	\$7.7300	
12/27/2021	\$3.5300	\$3.7400	6/27/2022	\$6.4200	\$7.8475
1/3/2022	\$3.4600		7/4/2022	\$6.3600	
1/10/2022	\$3.7700		7/11/2022	\$6.4700	
1/17/2022	\$4.3100		7/18/2022	\$7.3300	
1/24/2022	\$4.1200		7/25/2022	\$9.1000	\$7.3150
1/31/2022	\$4.7800	\$4.0880	8/1/2022	\$9.6800	
2/7/2022	\$5.4700		8/8/2022	\$8.8200	
2/14/2022	\$4.0300		8/15/2022	\$8.6200	
2/21/2022	\$4.4200		8/22/2022	\$9.1800	
2/28/2022	\$4.5200	\$4.6100	8/29/2022	\$9.7000	\$9.2000
3/7/2022	\$4.5000		9/5/2022	\$9.2100	
3/14/2022	\$4.6400		9/12/2022	\$8.2500	
3/21/2022	\$4.6400		9/19/2022	\$8.3500	
3/28/2022	\$5.1100	\$4.7225	9/26/2022	\$7.2000	\$8.2525
4/4/2022	\$5.3900		10/3/2022	\$6.1000	
4/11/2022	\$6.0600		10/10/2022	\$6.0100	
4/18/2022	\$6.7000		10/17/2022	\$6.1300	
4/25/2022	\$6.7900	\$6.2350	10/24/2022	\$4.9000	
			10/31/2022	\$4.9200	\$5.6120

PBR YEAR 25 PLATTS GAS DAILY MIDPOINT PRICE
LOUISIANA/SOUTHEAST, TENNESSEE, 500 LEG

NOVEMBER 2021		DECEMBER 2021		JANUARY 2022		FEBRUARY 2022		MARCH 2022		APRIL 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT
1	\$ 5.2600	\$ 4.4900	\$ 3.5700		\$ 5.5950	\$ 4.2650	\$ 5.4950				
2	\$ 5.0750	\$ 4.2050	\$ 3.5700		\$ 5.3300	\$ 4.3000	\$ 5.5200				
3	\$ 5.3700	\$ 3.9750	\$ 3.5700		\$ 6.1100	\$ 4.5800	\$ 5.5200				
4	\$ 5.6300	\$ 3.7950	\$ 3.5350		\$ 5.5550	\$ 4.5600	\$ 5.5200				
5	\$ 5.6850	\$ 3.7950	\$ 3.7150		\$ 5.2200	\$ 4.7400	\$ 5.6150				
6	\$ 5.3350	\$ 3.7950	\$ 3.8050		\$ 5.2200	\$ 4.7400	\$ 5.9350				
7	\$ 5.3350	\$ 3.5700	\$ 3.8650		\$ 5.2200	\$ 4.7400	\$ 6.1850				
8	\$ 5.3350	\$ 3.6550	\$ 3.8150		\$ 4.3450	\$ 4.7950	\$ 5.9700				
9	\$ 5.3450	\$ 3.7400	\$ 3.8150		\$ 4.3100	\$ 4.5700	\$ 6.2000				
10	\$ 5.0100	\$ 3.6000	\$ 3.8150		\$ 4.0200	\$ 4.4950	\$ 6.2000				
11	\$ 4.5600	\$ 3.6950	\$ 4.0850		\$ 3.8050	\$ 4.5400	\$ 6.2000				
12	\$ 4.7300	\$ 3.6950	\$ 4.0250		\$ 3.9000	\$ 4.6750	\$ 6.3650				
13	\$ 4.8700	\$ 3.6950	\$ 4.6200		\$ 3.9000	\$ 4.6750	\$ 6.5700				
14	\$ 4.8700	\$ 3.9450	\$ 4.6500		\$ 3.9000	\$ 4.6750	\$ 6.7050				
15	\$ 4.8700	\$ 3.6350	\$ 4.2600		\$ 4.0150	\$ 4.5350	\$ 6.8450				
16	\$ 4.6000	\$ 3.7150	\$ 4.2600		\$ 4.2100	\$ 4.3900	\$ 6.8450				
17	\$ 4.9900	\$ 3.6500	\$ 4.2600		\$ 4.3300	\$ 4.5500	\$ 6.8450				
18	\$ 4.7450	\$ 3.6300	\$ 4.2600		\$ 4.5600	\$ 4.7300	\$ 6.8450				
19	\$ 4.9500	\$ 3.6300	\$ 4.4050		\$ 4.4950	\$ 4.7300	\$ 7.6950				
20	\$ 4.8700	\$ 3.6300	\$ 4.6800		\$ 4.4950	\$ 4.7300	\$ 7.0700				
21	\$ 4.8700	\$ 3.8550	\$ 4.0900		\$ 4.4950	\$ 4.7300	\$ 6.8400				
22	\$ 4.8700	\$ 3.8850	\$ 3.9650		\$ 4.4950	\$ 4.6250	\$ 6.7900				
23	\$ 4.7050	\$ 3.8950	\$ 3.9650		\$ 4.4100	\$ 4.8850	\$ 6.4450				
24	\$ 4.8750	\$ 3.2900	\$ 3.9650		\$ 4.4950	\$ 5.1300	\$ 6.4450				
25	\$ 4.9450	\$ 3.2900	\$ 4.1200		\$ 4.7200	\$ 5.0350	\$ 6.4450				
26	\$ 4.9450	\$ 3.2900	\$ 4.1000		\$ 4.4650	\$ 5.3700	\$ 6.4550				
27	\$ 4.9450	\$ 3.2900	\$ 4.3050		\$ 4.4650	\$ 5.3700	\$ 6.7500				
28	\$ 4.9450	\$ 3.1450	\$ 4.4750		\$ 4.4650	\$ 5.3700	\$ 6.9700				
29	\$ 4.9450	\$ 3.2900	\$ 5.5400		\$ 5.4000	\$ 5.4000	\$ 6.7550				
30	\$ 4.8400	\$ 3.3000	\$ 5.5400		\$ 5.2700	\$ 5.2700	\$ 6.7550				
31		\$ 3.3000	\$ 5.5400		\$ 5.3250						
TOTAL	\$ 150.3200	\$ 113.3700	\$ 130.1850	TOTAL	\$ 128.5450	\$ 148.5250	\$ 192.7950				
POSTINGS	30	31	31	POSTINGS	28	31	30				
AVERAGE	\$ 5.0107	\$ 3.6571	\$ 4.1995	AVERAGE	\$ 4.5909	\$ 4.7911	\$ 6.4265				

MAY 2022		JUNE 2022		JULY 2022		AUGUST 2022		SEPTEMBER 2022		OCTOBER 2022	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 6.8300	\$ 8.4050	\$ 6.8600		\$ 8.4250	\$ 9.1700	\$ 5.2600				
2	\$ 6.8300	\$ 8.5050	\$ 6.3350		\$ 8.0600	\$ 9.3900	\$ 5.2600				
3	\$ 7.3650	\$ 8.8300	\$ 6.3350		\$ 8.0500	\$ 9.0500	\$ 5.2600				
4	\$ 7.9950	\$ 8.3550	\$ 6.3350		\$ 7.8350	\$ 9.0500	\$ 5.3500				
5	\$ 8.3150	\$ 8.3550	\$ 6.3350		\$ 8.5900	\$ 9.0500	\$ 5.4350				
6	\$ 8.3150	\$ 8.3550	\$ 7.0050		\$ 8.3350	\$ 9.0500	\$ 6.2150				
7	\$ 8.3350	\$ 9.0300	\$ 7.5950		\$ 8.3350	\$ 8.6350	\$ 6.7050				
8	\$ 8.3350	\$ 9.1850	\$ 6.8400		\$ 8.3350	\$ 8.4050	\$ 5.8200				
9	\$ 8.3350	\$ 9.4300	\$ 6.2700		\$ 7.8450	\$ 8.1400	\$ 5.8200				
10	\$ 7.3250	\$ 8.1300	\$ 6.2700		\$ 7.8400	\$ 8.1350	\$ 5.8200				
11	\$ 6.5750	\$ 8.6600	\$ 6.2700		\$ 7.8850	\$ 8.1350	\$ 6.1950				
12	\$ 7.4750	\$ 8.6600	\$ 6.6000		\$ 8.4000	\$ 8.1350	\$ 6.2400				
13	\$ 7.4350	\$ 8.6600	\$ 6.6250		\$ 8.6250	\$ 8.1900	\$ 6.2600				
14	\$ 7.5800	\$ 8.9200	\$ 6.8600		\$ 8.6250	\$ 8.3600	\$ 6.2250				
15	\$ 7.5800	\$ 7.6800	\$ 7.0450		\$ 8.6250	\$ 8.7800	\$ 5.8200				
16	\$ 7.5800	\$ 7.7600	\$ 6.8450		\$ 8.4850	\$ 8.4750	\$ 5.8200				
17	\$ 8.0100	\$ 7.9450	\$ 6.8450		\$ 9.2350	\$ 7.9800	\$ 5.8200				
18	\$ 8.2350	\$ 7.4300	\$ 6.8450		\$ 9.3200	\$ 7.9800	\$ 5.9050				
19	\$ 8.3850	\$ 7.4300	\$ 7.8350		\$ 9.2150	\$ 7.9800	\$ 5.6800				
20	\$ 8.1750	\$ 7.4300	\$ 7.4650		\$ 9.0150	\$ 7.8900	\$ 5.2950				
21	\$ 8.0300	\$ 7.4300	\$ 7.3900		\$ 9.0150	\$ 7.7600	\$ 4.7850				
22	\$ 8.0300	\$ 6.9600	\$ 8.0150		\$ 9.0150	\$ 7.7650	\$ 4.0500				
23	\$ 8.0300	\$ 6.9050	\$ 8.1650		\$ 9.7850	\$ 7.6150	\$ 4.0500				
24	\$ 8.2350	\$ 6.7700	\$ 8.1650		\$ 9.8550	\$ 6.6100	\$ 4.0500				
25	\$ 8.7200	\$ 6.4550	\$ 8.1650		\$ 9.4200	\$ 6.6100	\$ 4.3300				
26	\$ 9.1900	\$ 6.4550	\$ 8.6500		\$ 9.5650	\$ 6.6100	\$ 4.7950				
27	\$ 9.0700	\$ 6.4550	\$ 8.9000		\$ 9.6400	\$ 6.4150	\$ 4.9950				
28	\$ 8.2950	\$ 6.5050	\$ 8.3800		\$ 9.6400	\$ 6.3700	\$ 4.9350				
29	\$ 8.2950	\$ 6.8450	\$ 8.4400		\$ 9.6400	\$ 6.1200	\$ 4.5600				
30	\$ 8.2950	\$ 7.0050	\$ 8.4400		\$ 9.4300	\$ 5.8250	\$ 4.5600				
31	\$ 8.2950		\$ 8.4400		\$ 9.4350		\$ 4.5600				
TOTAL	\$ 247.4950	\$ 234.9400	\$ 226.5650	TOTAL	\$ 273.5200	\$ 237.6800	\$ 165.8750				
POSTINGS	31	30	31	POSTINGS	31	30	31				
AVERAGE	\$ 7.9837	\$ 7.8313	\$ 7.3085	AVERAGE	\$ 8.8232	\$ 7.9227	\$ 5.3508				

**PBR-GAIF
INDICES
DELIVERY AREA INDEX
("DAI")**

**THE DELIVERY AREA INDEX (“DAI”)
IS CALCULATED ONLY ON DAYS
WHEN THERE ARE PURCHASES IN EXCESS OF
FIRM DAILY CONTRACT QUANTITIES (“PEFDCQ”).**

**SUCH PURCHASES OCCURRED ON TWO DAYS DURING
THIS PERIOD.**

DAILY DAI BENCHMARK CALCULATION
 CALCULATED ONLY WHEN PURCHASES EXCEED FIRM DAILY CONTRACT QUANTITY (PEFDCQ)

MONTH	DAY	YEAR	CALCULATION OF DAILY DAI TGT ZONE SL				
OCTOBER	18	2022	(1)	(2)	(3)	(4)	(5)
			PLATTS GAS DAILY MIDPOINT	NNS FUEL RETENTION	NNS DAILY DEMAND	NNS COMMODITY	(Col. 1/((1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
			\$5.5200	1.48%	\$0.4190	\$0.0629	\$6.0848
			CALCULATION OF DAILY DAI TGT ZONE 1				
			(1)	(2)	(3)	(4)	(5)
			PLATTS GAS DAILY MIDPOINT	NNS FUEL RETENTION	NNS DAILY DEMAND	NNS COMMODITY	(Col. 1/((1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
			\$5.5200	1.48%	\$0.4190	\$0.0629	\$6.0848
			CALCULATION OF DAILY DAI TGT ZONE 4				
			(1)	(2)	(3)	(4)	(5)
			PLATTS GAS DAILY MIDPOINT	NNS FUEL RETENTION	NNS DAILY DEMAND	NNS COMMODITY	(Col. 1/((1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
			\$5.6000	1.48%	\$0.4190	\$0.0629	\$6.1660
			CALCULATION OF DAILY DAI TGPL ZONE 0				
			(1)	(2)	(3)	(4)	(5)
			PLATTS GAS DAILY MIDPOINT	FT-A FUEL RETENTION	FT-A DAILY DEMAND	FT-A COMMODITY	(Col. 1/((1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
			\$5.2300	0.13%	\$0.4404	\$0.0415	\$5.7187
			CALCULATION OF DAILY DAI TGPL ZONE 1				
			(1)	(2)	(3)	(4)	(5)
			PLATTS GAS DAILY MIDPOINT	FT-A FUEL RETENTION	FT-A DAILY DEMAND	FT-A COMMODITY	(Col. 1/((1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
			\$5.9050	0.13%	\$0.3014	\$0.0350	\$6.2491 *
			LOWEST ZONAL DAI				\$5.7187
			PEFDCQ (MMBTU)				15,204
			BENCHMARK (LOWEST DAI x PEFDCQ)				\$86,947

* LG&E HOLDS NO FIRM CAPACITY IN TENNESSEE ZONE 1, SO, IF NECESSARY, THE CALCULATION IS ADJUSTED TO SELECT THE NEXT LOWEST ZONAL DAI.

DAILY DAI BENCHMARK CALCULATION
 CALCULATED ONLY WHEN PURCHASES EXCEED FIRM DAILY CONTRACT QUANTITY (PEFDCQ)

MONTH DAY YEAR
 OCTOBER 19 2022

CALCULATION OF DAILY DAI TGT ZONE SL

(1)	(2)	(3)	(4)	(5)
PLATTS GAS DAILY MIDPOINT	NNS FUEL RETENTION	NNS DAILY DEMAND	NNS COMMODITY	(Col. 1/(1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
\$5.5900	1.48%	\$0.4190	\$0.0629	\$6.1559

CALCULATION OF DAILY DAI TGT ZONE 1

(1)	(2)	(3)	(4)	(5)
PLATTS GAS DAILY MIDPOINT	NNS FUEL RETENTION	NNS DAILY DEMAND	NNS COMMODITY	(Col. 1/(1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
\$5.5900	1.48%	\$0.4190	\$0.0629	\$6.1559

CALCULATION OF DAILY DAI TGT ZONE 4

(1)	(2)	(3)	(4)	(5)
PLATTS GAS DAILY MIDPOINT	NNS FUEL RETENTION	NNS DAILY DEMAND	NNS COMMODITY	(Col. 1/(1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
\$5.5500	1.48%	\$0.4190	\$0.0629	\$6.1153

CALCULATION OF DAILY DAI TGPL ZONE 0

(1)	(2)	(3)	(4)	(5)
PLATTS GAS DAILY MIDPOINT	FT-A FUEL RETENTION	FT-A DAILY DEMAND	FT-A COMMODITY	(Col. 1/(1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
\$5.3000	0.13%	\$0.4404	\$0.0415	\$5.7888

CALCULATION OF DAILY DAI TGPL ZONE 1

(1)	(2)	(3)	(4)	(5)
PLATTS GAS DAILY MIDPOINT	FT-A FUEL RETENTION	FT-A DAILY DEMAND	FT-A COMMODITY	(Col. 1/(1-Col.2)) + Col. 3 + Col. 4 DAILY DAI
\$5.6800	0.13%	\$0.3014	\$0.0350	\$6.0238 *

LOWEST ZONAL DAI	\$5.7888
PEFDCQ (MMBTU)	15,064
BENCHMARK (LOWEST DAI x PEFDCQ)	\$87,202

* LG&E HOLDS NO FIRM CAPACITY IN TENNESSEE ZONE 1, SO, IF NECESSARY, THE CALCULATION IS ADJUSTED TO SELECT THE NEXT LOWEST ZONAL DAI.

**PBR-GAIF
CALCULATION OF
SUPPLY ZONE FIRM QUANTITY
ENTITLEMENT PERCENTAGE
("SZFQEP")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE
 FOR TEXAS GAS TRANSMISSION (TGT) AND TENNESSEE GAS PIPELINE COMPANY (TGPL)

COLUMN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
	WINTER SEASON							LATERAL CAPACITY AND FIRM MAINLINE RECEIPT POINT CAPACITY							SUMMER SEASON			
CONTRACTS	ZONE	NOV. 21	DEC. 21	JAN. 22	FEB. 22	MAR. 22	(SUM OF COL. 1-5)	ALLOCATION PERCENTAGE*	APR. 22	MAY 22	JUN. 22	JUL. 22	AUG. 22	SEP. 22	OCT. 22	(SUM OF COL. 8-14)	ALLOCATION PERCENTAGE*	
TGT-NNS-29781	SL	130,734	130,734	130,734	130,734	130,734	653,670	70.21%	56,899	56,899	56,899	56,899	56,899	56,899	56,899	398,293	69.92%	
	1	55,473	55,473	55,473	55,473	55,473	277,365	29.79%	24,473	24,473	24,473	24,473	24,473	24,473	24,473	171,311	30.08%	
	4	0	0	0	0	0	0	0.00%	0	0	0	0	0	0	0	0	0.00%	
	TOTAL	186,207	186,207	186,207	186,207	186,207	931,035	100.00%	81,372	81,372	81,372	81,372	81,372	81,372	81,372	569,604	100.00%	
TGT-FT-34951	SL	0	0	0	0	0	0	0.00%	0	0	0	0	0	0	0	0	0.00%	
	1	0	0	0	0	0	0	0.00%	0	0	0	0	0	0	0	0	0.00%	
	4	60,000	60,000	60,000	60,000	60,000	300,000	100.00%	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000	100.00%	
	TOTAL	60,000	60,000	60,000	60,000	60,000	300,000	100.00%	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000	100.00%	
TGPL-FT-A-111110	0	20,000	20,000	20,000	20,000	20,000	100,000	100.00%	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000	100.00%	
	1	0	0	0	0	0	0	0.00%	0	0	0	0	0	0	0	0	0.00%	
	TOTAL	20,000	20,000	20,000	20,000	20,000	100,000	100.00%	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000	100.00%	
COLUMN	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	WINTER SEASON QUANTITY ENTITLEMENT	ZONE	WINTER ALLOCATION PERCENT (COL. 7)	TEXAS GAS SZFOE ZONE SL (C.17 x C.19)	TEXAS GAS SZFOE ZONE 1 (C.17 x C.19)	TEXAS GAS SZFOE ZONE 4 (C.17 x C.19)	TENNESSEE SZFOE ZONE 0 (C.17 x C.19)	TENNESSEE SZFOE ZONE 1 (C.17 x C.19)	TOTAL	SUMMER SEASON QUANTITY ENTITLEMENT	ZONE	SUMMER ALLOCATION PERCENT (COL. 16)	TEXAS GAS SZFOE ZONE SL (C.26 x C.28)	TEXAS GAS SZFOE ZONE 1 (C.26 x C.28)	TEXAS GAS SZFOE ZONE 4 (C.26 x C.28)	TENNESSEE SZFOE ZONE 0 (C.26 x C.28)	TENNESSEE SZFOE ZONE 1 (C.26 x C.28)	TOTAL
TGT-NNS-29781	26,220,000	SL	70.21%	18,409,062	7,810,938	0	0	0	38,300,000	8,292,000	SL	69.92%	5,797,766	2,494,234	0	0	0	25,412,000
		1	29.79%								1	30.08%						
		4	0.00%			0					4	0.00%						
TGT-FT-34951	9,060,000	SL	0.00%	0	0	9,060,000	0	0	12,840,000	SL	0.00%	0	0	0	12,840,000	0	0	25,412,000
		1	0.00%								1	0.00%						
		4	100.00%								4	100.00%						
TGPL-FT-A-111110	3,020,000	0	100.00%				3,020,000	0	4,280,000	0	100.00%				4,280,000	0	0	25,412,000
		1	0.00%								1	0.00%						
TOTALS	38,300,000			18,409,062	7,810,938	9,060,000	3,020,000	0	38,300,000	25,412,000			5,797,766	2,494,234	12,840,000	4,280,000	0	25,412,000
SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENT**			48.07%	20.39%	23.66%	7.88%	0.00%	100.00%				22.81%	9.82%	50.53%	16.84%	0.00%	100.00%	

* ALLOCATION PERCENTAGE EQUALS TOTAL ZONE CAPACITY UNDER EACH CONTRACT DIVIDED BY TOTAL CAPACITY UNDER EACH CONTRACT.

**THE WINTER SEASON SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL.20, 21, 22, 23, OR 24 BY THE TOTAL OF COL. 17.

**THE SUMMER SEASON SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL.29, 30, 31, 32, OR 33 BY THE TOTAL OF COL. 26.

PBR-TIF
SUPPORTING CALCULATIONS

**PBR-TIF
CALCULATION OF BENCHMARK GAS
TRANSPORTATION COSTS
("BMGTC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	1	2	3	4	5	6	7	8	9
CALCULATION OF TEXAS GAS NO-NOTICE SERVICE PORTION OF BMGTC									
CALCULATION OF BASE TARIFF RATES									
NNS DEMAND CHARGES			NNS COMMODITY CHARGES			ACA			
MONTH	DAYS	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (1x2x3)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (5x6)	CHARGE	TOTAL (6x8)
NOV. 21	30	\$0.4190	184,900	\$2,324,193	\$0.0614	2,122,545	\$130,324	\$0.0012	\$2,547
DEC. 21	31	\$0.4190	184,900	\$2,401,686	\$0.0614	1,123,897	\$69,002	\$0.0012	\$1,348
JAN. 22	31	\$0.4190	184,900	\$2,401,686	\$0.0614	2,712,498	\$166,548	\$0.0012	\$3,255
FEB. 22	28	\$0.4190	184,900	\$2,189,247	\$0.0614	1,164,005	\$71,470	\$0.0012	\$1,398
MAR. 22	31	\$0.4190	184,900	\$2,401,686	\$0.0614	1,201,446	\$73,769	\$0.0012	\$1,441
APR. 22	30	\$0.4190	97,440	\$1,224,821	\$0.0614	488,306	\$29,859	\$0.0012	\$583
MAY 22	31	\$0.4190	80,000	\$779,340	\$0.0614	92,544	\$5,882	\$0.0012	\$111
JUN. 22	30	\$0.4190	80,000	\$754,200	\$0.0614	64,228	\$3,944	\$0.0012	\$77
JUL. 22	31	\$0.4190	80,000	\$779,340	\$0.0614	1,174,273	\$72,100	\$0.0012	\$1,410
AUG. 22	31	\$0.4190	80,000	\$779,340	\$0.0614	1,252,799	\$78,922	\$0.0012	\$1,503
SEP. 22	30	\$0.4190	80,000	\$754,200	\$0.0614	1,183,382	\$72,658	\$0.0012	\$1,420
OCT. 22	31	\$0.4190	117,020	\$1,519,973	\$0.0614	1,400,485	\$85,989	\$0.0015	\$2,101
TOTAL	365		1,438,980	\$18,289,652		13,978,389	\$858,267		\$17,192

COLUMN	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
CALCULATION OF TEXAS GAS RATE FT PORTION OF BMGTC																
CALCULATION OF BASE TARIFF RATES																
FT DEMAND CHARGES										FT BACKHAUL COMMODITY CHARGES				TOTAL COMM. (14X15) + CITY-GATE DELIVERY		
MONTH	DAYS	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (10x11x12)	SL COMM. CHARGE	SL CITY-GATE DELIVERIES	Z1 COMM. CHARGE	Z1 CITY-GATE DELIVERIES	Z3 COMM. CHARGE	Z3 CITY-GATE DELIVERIES	Z4 COMM. CHARGE	Z4 CITY-GATE DELIVERIES	(16X17) + (18X19) + (20X21)	(15+17+19+21)	ACA CHARGE	TOTAL (23x24)
NOV. 21	30	\$0.1374	60,000	\$247,320	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	1,257,558	\$45,272	1,257,558	\$0.0012	\$1,506
DEC. 21	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	780,500	\$27,378	780,500	\$0.0012	\$913
JAN. 22	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	586,648	\$20,399	586,648	\$0.0012	\$690
FEB. 22	28	\$0.1374	60,000	\$230,832	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	745,590	\$26,841	745,590	\$0.0012	\$895
MAR. 22	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	770,443	\$27,736	770,443	\$0.0012	\$925
APR. 22	30	\$0.1374	60,000	\$247,320	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	915,586	\$32,961	915,586	\$0.0012	\$1,099
MAY 22	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	770,443	\$27,736	770,443	\$0.0012	\$925
JUN. 22	30	\$0.1374	60,000	\$247,320	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	738,927	\$26,601	738,927	\$0.0012	\$887
JUL. 22	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	1,401,727	\$50,462	1,401,727	\$0.0012	\$1,692
AUG. 22	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	1,437,268	\$51,742	1,437,268	\$0.0012	\$1,725
SEP. 22	30	\$0.1374	60,000	\$247,320	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	1,499,288	\$53,974	1,499,288	\$0.0012	\$1,799
OCT. 22	31	\$0.1374	60,000	\$255,564	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	1,431,458	\$51,532	1,431,458	\$0.0015	\$2,148
TOTAL	365		720,000	\$3,009,060		0		0		0		12,295,430	\$442,634	12,295,430		\$15,187

COLUMN	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
CALCULATION OF TEXAS GAS RATE STF PORTION OF BMGTC																
CALCULATION OF BASE TARIFF RATES																
STF DEMAND CHARGES				STF COMMODITY CHARGES								TOTAL COMM. (30X31) + CITY-GATE DELIVERY				
MONTH	DAYS	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (26x27x28)	SL COMM. CHARGE	SL CITY-GATE DELIVERIES	Z1 COMM. CHARGE	Z1 CITY-GATE DELIVERIES	Z3 COMM. CHARGE	Z3 CITY-GATE DELIVERIES	Z4 COMM. CHARGE	Z4 CITY-GATE DELIVERIES	(32X33) + (34X35) + (36X37)	(31+33+35+37)	ACA CHARGE	TOTAL (39x40)
NOV. 21	30	\$0.4252	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
DEC. 21	31	\$0.4252	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
JAN. 22	31	\$0.4252	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
FEB. 22	28	\$0.4252	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
MAR. 22	31	\$0.4252	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
APR. 22	30	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
MAY 22	31	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
JUN. 22	30	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
JUL. 22	31	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
AUG. 22	31	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
SEP. 22	30	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0012	\$0
OCT. 22	31	\$0.1847	0	\$0	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	0	\$0.0015	\$0
TOTAL	365		0	\$0		0		0		0		0	\$0	0		\$0

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	42	43	44	45
NNS				
CALC. OF DIRECT BILLS		TOTAL S&DB		TOTAL NNS BMGTC
MONTH	CASH-OUT	OTHER	(9+42+43)	(4+7+44)
NOV. 21	\$0	\$0	\$2,547	\$2,457,064
DEC. 21	\$0	\$0	\$1,948	\$2,472,018
JAN. 22	\$0	\$0	\$3,255	\$2,571,489
FEB. 22	\$0	\$0	\$1,398	\$2,242,113
MAR. 22	\$0	\$0	\$1,441	\$2,476,876
APR. 22	\$0	\$0	\$583	\$1,255,283
MAY 22	\$0	\$0	\$111	\$785,133
JUN. 22	\$0	\$0	\$77	\$758,221
JUL. 22	\$0	\$0	\$1,410	\$852,850
AUG. 22	\$0	\$0	\$1,503	\$857,785
SEP. 22	\$0	\$0	\$1,420	\$828,278
OCT. 22	\$0	\$0	\$2,101	\$1,808,063
TOTAL	\$0	\$0	\$17,192	\$19,165,111

COLUMN	46	47	48	49
FT BACKHAUL				
CALC. OF DIRECT BILLS		TOTAL S&DB		TOTAL FT BACKHAUL BMGTC
MONTH	CASH-OUT	OTHER	(25+46+47)	(13+22+48)
NOV. 21	\$0	\$0	\$1,509	\$294,101
DEC. 21	\$0	\$0	\$913	\$283,855
JAN. 22	\$0	\$0	\$880	\$278,843
FEB. 22	\$0	\$0	\$895	\$258,588
MAR. 22	\$0	\$0	\$925	\$284,225
APR. 22	\$0	\$0	\$1,099	\$281,380
MAY 22	\$0	\$0	\$925	\$284,225
JUN. 22	\$0	\$0	\$987	\$274,808
JUL. 22	\$0	\$0	\$1,882	\$307,708
AUG. 22	\$0	\$0	\$1,725	\$308,031
SEP. 22	\$0	\$0	\$1,799	\$303,093
OCT. 22	\$0	\$0	\$2,148	\$308,244
TOTAL	\$0	\$0	\$15,187	\$3,468,881

COLUMN	50	51	52	53
STF				
CALC. OF DIRECT BILLS		TOTAL S&DB		TOTAL STF BMGTC
MONTH	CASH-OUT	OTHER	(41+50+51)	(29+38+52)
NOV. 21	\$0	\$0	\$0	\$0
DEC. 21	\$0	\$0	\$0	\$0
JAN. 22	\$0	\$0	\$0	\$0
FEB. 22	\$0	\$0	\$0	\$0
MAR. 22	\$0	\$0	\$0	\$0
APR. 22	\$0	\$0	\$0	\$0
MAY 22	\$0	\$0	\$0	\$0
JUN. 22	\$0	\$0	\$0	\$0
JUL. 22	\$0	\$0	\$0	\$0
AUG. 22	\$0	\$0	\$0	\$0
SEP. 22	\$0	\$0	\$0	\$0
OCT. 22	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$0

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN 54

MONTH	TOTAL BM(TGT) (45*49*53)
NOV. 21	\$2,751,165
DEC. 21	\$2,755,871
JAN. 22	\$2,848,112
FEB. 22	\$2,500,681
MAR. 22	\$2,781,101
APR. 22	\$1,536,643
MAY 22	\$1,060,358
JUN. 22	\$1,033,029
JUL. 22	\$1,180,558
AUG. 22	\$1,166,766
SEP. 22	\$1,131,371
OCT. 22	\$1,917,307
TOTAL	\$22,631,982

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	55	56	57	58	59	60	61	62	63	64	65	66	67
CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE [ZONE 0] PORTION OF BMGTC													
CALCULATION OF BASE TARIFF RATES													
FT-A ZONE 0 DEMAND CHARGES			FT-A ZONE 0 COMMODITY CHARGES				EPCR ADJUSTMENT		ACA			TOTAL S&DB	TOTAL
MONTH	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (55x56)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (58x59)	EPCR CHARGE	TOTAL (59x61)	ACA CHARGE	TOTAL (59x63)	OTHER	(82 + 64 + 65)	FT-A ZN-0 BMGTC (57+80+86)
NOV. 21	\$13,3968	20,000	\$287,932	\$0.0196	380,000	\$7,448	\$0.0125	\$4,750	\$0.0012	\$456	\$0	\$5,206	\$280,526
DEC. 21	\$13,3968	20,000	\$287,932	\$0.0196	40,000	\$784	\$0.0125	\$500	\$0.0012	\$48	\$0	\$548	\$268,264
JAN. 22	\$13,3968	20,000	\$287,932	\$0.0196	339,988	\$6,664	\$0.0125	\$4,250	\$0.0012	\$408	\$0	\$4,658	\$279,254
FEB. 22	\$13,3968	20,000	\$287,932	\$0.0196	300,000	\$5,880	\$0.0125	\$3,750	\$0.0012	\$360	\$0	\$4,110	\$277,922
MAR. 22	\$13,3968	20,000	\$287,932	\$0.0196	100,000	\$1,960	\$0.0125	\$1,250	\$0.0012	\$120	\$0	\$1,370	\$271,282
APR. 22	\$13,3968	20,000	\$287,932	\$0.0196	108,000	\$2,117	\$0.0204	\$2,203	\$0.0012	\$130	\$0	\$2,333	\$272,382
MAY 22	\$13,3968	20,000	\$287,932	\$0.0196	20,000	\$392	\$0.0204	\$408	\$0.0012	\$24	\$0	\$432	\$268,756
JUN. 22	\$13,3968	20,000	\$287,932	\$0.0196	129,844	\$2,545	\$0.0204	\$2,649	\$0.0012	\$155	\$0	\$2,804	\$273,281
JUL. 22	\$13,3968	20,000	\$287,932	\$0.0196	374,525	\$7,341	\$0.0204	\$7,640	\$0.0012	\$449	\$0	\$8,089	\$283,362
AUG. 22	\$13,3968	20,000	\$287,932	\$0.0196	259,664	\$5,089	\$0.0204	\$5,267	\$0.0012	\$312	\$0	\$5,580	\$278,630
SEP. 22	\$13,3968	20,000	\$287,932	\$0.0196	164,786	\$3,229	\$0.0204	\$3,362	\$0.0012	\$198	\$0	\$3,560	\$274,721
OCT. 22	\$13,3968	20,000	\$287,932	\$0.0196	384,360	\$7,533	\$0.0204	\$7,641	\$0.0015	\$577	\$0	\$8,418	\$283,683
TOTAL		240,000	\$3,215,184		2,601,165	\$50,982		\$43,900		\$3,237	\$0	\$47,137	\$3,313,303

COLUMN	68	69	70	71	72	73	74	75	76	77	78	79	80
CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE [ZONE 1] PORTION OF BMGTC													
CALCULATION OF BASE TARIFF RATES													
FT-A ZONE 1 DEMAND CHARGES			FT-A ZONE 1 COMMODITY CHARGES				EPCR ADJUSTMENT		ACA			TOTAL S&DB	TOTAL
MONTH	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (68x69)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (71x72)	EPCR CHARGE	TOTAL (72x74)	ACA CHARGE	TOTAL (72x76)	OTHER	(75 + 77 + 78)	FT-A ZN-1 BMGTC (70+73+79)
NOV. 21	\$9,1680	0	\$0	\$0.0166	39,998	\$664	\$0.0104	\$416	\$0.0012	\$48	\$0	\$464	\$1,128
DEC. 21	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0104	\$0	\$0.0012	\$0	\$0	\$0	\$0
JAN. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0104	\$0	\$0.0012	\$0	\$0	\$0	\$0
FEB. 22	\$9,1680	0	\$0	\$0.0166	20,000	\$332	\$0.0104	\$208	\$0.0012	\$24	\$0	\$232	\$564
MAR. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0104	\$0	\$0.0012	\$0	\$0	\$0	\$0
APR. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0169	\$0	\$0.0012	\$0	\$0	\$0	\$0
MAY 22	\$9,1680	0	\$0	\$0.0166	50,000	\$830	\$0.0169	\$845	\$0.0012	\$60	\$0	\$905	\$1,735
JUN. 22	\$9,1680	0	\$0	\$0.0166	169,798	\$2,819	\$0.0169	\$2,889	\$0.0012	\$204	\$0	\$3,073	\$5,892
JUL. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0169	\$0	\$0.0012	\$0	\$0	\$0	\$0
AUG. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0169	\$0	\$0.0012	\$0	\$0	\$0	\$0
SEP. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0169	\$0	\$0.0012	\$0	\$0	\$0	\$0
OCT. 22	\$9,1680	0	\$0	\$0.0166	0	\$0	\$0.0169	\$0	\$0.0015	\$0	\$0	\$0	\$0
TOTAL		0	\$0		279,794	\$4,645		\$4,338		\$336	\$0	\$4,674	\$9,319

COLUMN	81	82	83	84	85	86	87	88	89	90	91	92	93
CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE [ZONE 2] PORTION OF BMGTC													
CALCULATION OF BASE TARIFF RATES													
FT-A ZONE 2 DEMAND CHARGES			FT-A ZONE 2 COMMODITY CHARGES				EPCR ADJUSTMENT		ACA			TOTAL S&DB	TOTAL
MONTH	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (81x82)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (84x85)	EPCR CHARGE	TOTAL (85x87)	ACA CHARGE	TOTAL (85x89)	OTHER	(88 + 90 + 91)	FT-A ZN-2 BMGTC (83+86+92)
NOV. 21	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0007	\$0	\$0.0012	\$0	\$0	\$0	\$0
DEC. 21	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0007	\$0	\$0.0012	\$0	\$0	\$0	\$0
JAN. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0007	\$0	\$0.0012	\$0	\$0	\$0	\$0
FEB. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0007	\$0	\$0.0012	\$0	\$0	\$0	\$0
MAR. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0007	\$0	\$0.0012	\$0	\$0	\$0	\$0
APR. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0012	\$0	\$0	\$0	\$0
MAY 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0012	\$0	\$0	\$0	\$0
JUN. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0012	\$0	\$0	\$0	\$0
JUL. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0012	\$0	\$0	\$0	\$0
AUG. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0012	\$0	\$0	\$0	\$0
SEP. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0012	\$0	\$0	\$0	\$0
OCT. 22	\$4,7632	0	\$0	\$0.0031	0	\$0	\$0.0011	\$0	\$0.0015	\$0	\$0	\$0	\$0
TOTAL		0	\$0		0	\$0		\$0		\$0	\$0	\$0	\$0

COLUMN	94	95
TOTAL		
MONTH	TOTAL S&DB	BM(TGFL) (87+90+93+94)
NOV. 21	(\$806)	\$280,908
DEC. 21	(\$337)	\$268,927
JAN. 22	(\$3,120)	\$276,134
FEB. 22	(\$3,479)	\$275,007
MAR. 22	(\$931)	\$270,331
APR. 22	(\$282)	\$272,100
MAY 22	(\$174)	\$270,917
JUN. 22	(\$852)	\$276,521
JUL. 22	(\$37)	\$283,325
AUG. 22	(\$625)	\$278,005
SEP. 22	\$1,849	\$276,570
OCT. 22	\$2,084	\$285,967
TOTAL	(\$6,510)	\$3,316,112

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	SUMMARY OF PIPELINE BENCHMARKS			
	06	07	08	09
	TOTAL BM(TGT) COL. 54	TOTAL BM(TGPL) COL. 05	TOTAL BM(PPL)*	TABMGTC (06+07+08)
NOV. 21	\$2,751,165	\$280,908	\$0	\$3,032,073
DEC. 21	\$2,755,871	\$268,927	\$0	\$3,024,798
JAN. 22	\$2,848,112	\$278,134	\$0	\$3,124,246
FEB. 22	\$2,500,681	\$275,007	\$0	\$2,775,688
MAR. 22	\$2,761,101	\$270,331	\$0	\$3,031,432
APR. 22	\$1,536,643	\$272,100	\$0	\$1,808,743
MAY 22	\$1,069,358	\$270,317	\$0	\$1,339,675
JUN. 22	\$1,033,029	\$278,521	\$0	\$1,311,550
JUL. 22	\$1,160,558	\$283,325	\$0	\$1,443,883
AUG. 22	\$1,166,796	\$278,005	\$0	\$1,444,801
SEP. 22	\$1,131,371	\$278,570	\$0	\$1,407,941
OCT. 22	\$1,917,307	\$265,867	\$0	\$2,203,274
TOTAL	\$22,631,992	\$3,316,112	\$0	\$25,948,104

*THERE WERE NO TRANSACTIONS WHICH
 REQUIRED LG&E TO USE PIPELINE SERVICES
 OTHER THAN THOSE IT HAD UNDER CONTRACT.
 THEREFORE, NO PROXY PIPELINE BENCHMARK
 HAS BEEN CALCULATED.

**PBR-TIF
CALCULATION OF ANNUAL ACTUAL GAS
TRANSPORTATION COSTS
("AAGTC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ACTUAL ANNUAL GAS TRANSPORTATION COSTS ("TAAGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	1	2	3
MONTH	ACTUAL PIPELINE TRANSPORTATION COSTS - TEXAS GAS	ACTUAL ANNUAL GAS TRANSPORT. COSTS - TENNESSEE	TOTAL ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("TAAGTC") (1 + 2)
NOV. 21	\$2,751,165	\$114,328	\$2,865,493
DEC. 21	\$2,755,871	\$102,347	\$2,858,218
JAN. 22	\$2,848,112	\$109,554	\$2,957,666
FEB. 22	\$2,464,281	\$108,427	\$2,572,708
MAR. 22	\$2,739,091	\$103,751	\$2,842,842
APR. 22	\$1,518,643	\$105,519	\$1,624,162
MAY 22	\$1,060,833	\$103,737	\$1,164,570
JUN. 22	\$1,033,029	\$111,941	\$1,144,970
JUL. 22	\$1,138,858	\$116,745	\$1,255,603
AUG. 22	\$1,166,796	\$111,425	\$1,278,221
SEP. 22	\$1,131,371	\$109,990	\$1,241,361
OCT. 22	\$1,917,307	\$119,387	\$2,036,694
TOTAL	\$22,525,357	\$1,317,151	\$23,842,508

PBR-TIF
CALCULATION OF SAVINGS AND/OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SAVINGS AND EXPENSES
 UNDER PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	1	2	3
	<u>TABMGTC</u>	<u>TAAGTC</u>	<u>SAVINGS (EXPENSE)</u> <u>(1 - 2)</u>
NOV. 21	\$3,032,073	\$2,865,493	\$166,580
DEC. 21	\$3,024,798	\$2,858,218	\$166,580
JAN. 22	\$3,124,246	\$2,957,666	\$166,580
FEB. 22	\$2,775,688	\$2,572,708	\$202,980
MAR. 22	\$3,031,432	\$2,842,842	\$188,590
APR. 22	\$1,808,743	\$1,624,162	\$184,581
MAY 22	\$1,339,675	\$1,164,570	\$175,105
JUN. 22	\$1,311,550	\$1,144,970	\$166,580
JUL. 22	\$1,443,883	\$1,255,603	\$188,280
AUG. 22	\$1,444,801	\$1,278,221	\$166,580
SEP. 22	\$1,407,941	\$1,241,361	\$166,580
OCT. 22	\$2,203,274	\$2,036,694	\$166,580
TOTAL	\$25,948,104	\$23,842,508	\$2,105,596

**PBR-TIF
TARIFF SHEETS**

**PBR-TIF
TEXAS GAS TARIFF SHEETS
RATE NNS**

**Currently Effective Maximum Transportation Rates (\$ per MMBtu)
 For Service Under Rate Schedule NNS**

	Base Tariff Rates
Zone SL	
Daily Demand	0.1800
Commodity	0.0253
Overrun	0.2053
Zone 1	
Daily Demand	0.2782
Commodity	0.0431
Overrun	0.3213
Zone 2	
Daily Demand	0.3088
Commodity	0.0460
Overrun	0.3548
Zone 3	
Daily Demand	0.3543
Commodity	0.0490
Overrun	0.4033
Zone 4	
Daily Demand	0.4190
Commodity	0.0514
Overrun	0.4804

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

Minimum Rate: Demand \$-0-; Commodity - Zone SL 0.0163
 Zone 1 0.0186
 Zone 2 0.0223
 Zone 3 0.0262
 Zone 4 0.0308

Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.

**PBR-TIF
TEXAS GAS TARIFF SHEETS
RATE FT**

**Currently Effective Maximum Daily Demand Rates (\$ per MMBtu)
For Service Under Rate Schedule FT**

Currently Effective Rates [1]

SL-SL	0.0794
SL-1	0.1552
SL-2	0.2120
SL-3	0.2494
SL-4	0.3142
1-1	0.1252
1-2	0.1820
1-3	0.2194
1-4	0.2842
2-2	0.1332
2-3	0.1705
2-4	0.2334
3-3	0.1181
3-4	0.1810
4-4	0.1374

Minimum Rates: Demand \$-0-

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

[1] Currently Effective Rates are equal to the Base Tariff Rates.

Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.

**Currently Effective Maximum Commodity Rates (\$ per MMBtu)
For Service Under Rate Schedule FT**

	Base Tariff Rates
SL-SL	0.0104
SL-1	0.0355
SL-2	0.0399
SL-3	0.0445
SL-4	0.0528
1-1	0.0337
1-2	0.0385
1-3	0.0422
1-4	0.0508
2-2	0.0323
2-3	0.0380
2-4	0.0446
3-3	0.0312
3-4	0.0398
4-4	0.0380

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

Minimum Rates: Commodity minimum base rates are presented in Section 4.12.

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

PBR-TIF
TENNESSEE TARIFF SHEETS
RATE FT-A

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$4.7485		\$9.92300	\$13.3478	\$13.5840	\$14.9261	\$15.8434	\$19.8779
	L		\$4.2156						
	1	\$7.1485		\$6.8524	\$9.1192	\$12.9182	\$12.7224	\$14.3480	\$17.6429
	2	\$13.3479		\$9.0644	\$4.7144	\$4.4071	\$5.6390	\$7.7558	\$10.0118
	3	\$13.5840		\$7.1799	\$4.7525	\$3.4286	\$5.2666	\$9.5251	\$11.0065
	4	\$17.2471		\$15.9003	\$6.0594	\$9.2085	\$4.5075	\$4.8747	\$6.9640
	5	\$20.5647		\$14.4505	\$6.3563	\$7.6911	\$5.0074	\$4.6970	\$6.1147
	6	\$23.7895		\$16.5974	\$11.4230	\$12.5841	\$8.8889	\$4.6763	\$4.0480

Daily Base Reservation Rate 1/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0								
	L	\$0.1561		\$0.3262	\$0.4388	\$0.4466	\$0.4907	\$0.5209	\$0.6535
	1	\$0.2350	\$0.1386	\$0.2253	\$0.2998	\$0.4247	\$0.4183	\$0.4717	\$0.5800
	2	\$0.4388		\$0.2980	\$0.1550	\$0.1449	\$0.1854	\$0.2550	\$0.3292
	3	\$0.4466		\$0.2361	\$0.1562	\$0.1127	\$0.1731	\$0.3132	\$0.3619
	4	\$0.5670		\$0.5227	\$0.1992	\$0.3027	\$0.1482	\$0.1603	\$0.2290
	5	\$0.6761		\$0.4751	\$0.2090	\$0.2529	\$0.1646	\$0.1544	\$0.2010
	6	\$0.7821		\$0.5457	\$0.3756	\$0.4137	\$0.2922	\$0.1537	\$0.1331

Maximum Reservation Rates 2 /, 3 /	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$4.7898		\$9.9643	\$13.3891	\$13.6253	\$14.9674	\$15.8847	\$19.9192
	L		\$4.2569						
	1	\$7.1898		\$6.8937	\$9.1605	\$12.9595	\$12.7637	\$14.3893	\$17.6842
	2	\$13.3892		\$9.1057	\$4.7557	\$4.4484	\$5.6803	\$7.7971	\$10.0531
	3	\$13.6253		\$7.2212	\$4.7938	\$3.4699	\$5.3079	\$9.5664	\$11.0478
	4	\$17.2884		\$15.9416	\$6.1007	\$9.2498	\$4.5488	\$4.9160	\$7.0053
	5	\$20.6060		\$14.4918	\$6.3976	\$7.7324	\$5.0487	\$4.7383	\$6.1560
	6	\$23.8308		\$16.6387	\$11.4643	\$12.6254	\$8.9302	\$4.7176	\$4.0893

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0413.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-A

Base
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2286	\$0.2182	\$0.2597
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.1944	\$0.1983	\$0.2264
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0629	\$0.1009	\$0.1118
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0841	\$0.1164	\$0.1271
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0389	\$0.0550	\$0.0892
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0548	\$0.0543	\$0.0674
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0843	\$0.0457	\$0.0277

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0048		\$0.0131	\$0.0193	\$0.0235	\$0.2302	\$0.2198	\$0.2613
L		\$0.0028						
1	\$0.0058		\$0.0097	\$0.0163	\$0.0195	\$0.1960	\$0.1999	\$0.2280
2	\$0.0183		\$0.0103	\$0.0028	\$0.0044	\$0.0645	\$0.1025	\$0.1134
3	\$0.0223		\$0.0185	\$0.0042	\$0.0018	\$0.0857	\$0.1180	\$0.1287
4	\$0.0266		\$0.0221	\$0.0103	\$0.0121	\$0.0405	\$0.0566	\$0.0908
5	\$0.0300		\$0.0272	\$0.0116	\$0.0134	\$0.0564	\$0.0559	\$0.0690
6	\$0.0362		\$0.0316	\$0.0159	\$0.0179	\$0.0859	\$0.0473	\$0.0293

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0016.

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	0.61%		1.85%	2.81%	3.45%	4.14%	4.68%	5.31%
L		0.32%						
1	0.77%		1.35%	2.31%	2.85%	3.39%	4.08%	4.64%
2	2.74%		1.44%	0.31%	0.56%	1.02%	1.74%	2.32%
3	3.35%		2.78%	0.56%	0.17%	1.41%	2.00%	2.66%
4	3.99%		3.15%	1.43%	1.70%	0.58%	0.88%	1.49%
5	4.68%		4.08%	1.74%	2.03%	0.87%	0.86%	1.09%
6	5.58%		4.85%	2.32%	2.66%	1.40%	0.69%	0.36%

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ 6.21%

EPCR 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0034		\$0.0132	\$0.0204	\$0.0254	\$0.0307	\$0.0349	\$0.0419
L		\$0.0011						
1	\$0.0046		\$0.0093	\$0.0169	\$0.0207	\$0.0257	\$0.0315	\$0.0362
2	\$0.0204		\$0.0099	\$0.0011	\$0.0030	\$0.0067	\$0.0122	\$0.0167
3	\$0.0254		\$0.0207	\$0.0030	\$0.0000	\$0.0097	\$0.0144	\$0.0192
4	\$0.0307		\$0.0238	\$0.0099	\$0.0120	\$0.0032	\$0.0055	\$0.0104
5	\$0.0349		\$0.0315	\$0.0122	\$0.0144	\$0.0055	\$0.0054	\$0.0072
6	\$0.0419		\$0.0362	\$0.0167	\$0.0192	\$0.0097	\$0.0041	\$0.0015

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ \$0.0515

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.13%.
- 2/ For service that is rendered entirely by displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.13%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, and IT.
- 4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.
- 5/ The Incremental F&LR and EPCR set forth above are applicable to a Shipper(s) utilizing capacity on the Broad Run Expansion Project – Market Component facilities, from any receipt point(s) to any delivery point(s) located on the project's transportation path. Any service provided to a Shipper(s) outside the project's transportation path shall be subject to the greater of the Incremental F&LR and EPCR for the project or the applicable F&LR and EPCR for the applicable receipt(s) and delivery point(s) as shown in the rate matrices above. Included in the above F&LR is the Losses component of the F&LR equal to 0.13%.

**FERC ACA UNIT CHARGE
EFFECTIVE OCTOBER 1, 2021**

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2021 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
June 16, 2021

The annual charges unit charge (ACA) to be applied to in fiscal year 2022 for recovery of FY 2021 Current year and 2020 True-Up is \$0.0012 per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2021.

The following calculations were used to determine the FY 2021 unit charge:

2021 CURRENT:

Estimated Program Cost \$73,470,000 divided by 61,333,716,267 Dth = 0.0011978730

2020 TRUE-UP:

Debit/Credit Cost (\$1,115,938) divided by 60,594,054,316 Dth = (0.0000184166)

TOTAL UNIT CHARGE = 0.0011794564

If you have any questions, please contact Raven A. Rodriguez at (202)502-6276 or e-mail at Raven.Rodriguez@ferc.gov.

**FERC ACA UNIT CHARGE
EFFECTIVE OCTOBER 1, 2022**

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2022 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
June 21, 2022

The annual charges unit charge (ACA) to be applied to in fiscal year 2023 for recovery of FY 2022 Current year and 2021 True-Up is **\$0.0015** per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2022.

The following calculations were used to determine the FY 2022 unit charge:

2022 CURRENT:

Estimated Program Cost \$91,433,000 divided by 62,561,913,420 Dth = 0.0014614802

2021 TRUE-UP:

Debit/Credit Cost \$2,517,644 divided by 61,518,030,836 Dth = 0.0000409253

TOTAL UNIT CHARGE = 0.0015024055

If you have any questions, please contact Raven A. Rodriguez at (202)502-6276 or e-mail at Raven.Rodriguez@ferc.gov.

**PBR-OSSIF
SUPPORTING CALCULATIONS**

**PBR-OSSIF
CALCULATION OF OFF-SYSTEM SALES REVENUE
("OSREV"), OUT-OF-POCKET COSTS ("OOPC"), AND
NET REVENUE ("NR")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF NET REVENUE
 UNDER PBR OFF-SYSTEM SALES INDEX FACTOR ("OSSIF")

COLUMN	1	2	3	4	5	6	7
	OFF-SYSTEM SALES REVENUE ("OSREV")	OUT OF POCKET COSTS ("OOPC")				TOTAL OOPC	NET REVENUE ("NR") (1 - 6)
		GAS COSTS ("GC")	TRANSPORT COSTS ("TC")	STORAGE COSTS ("SC")	OTHER COSTS		
NOV. 21	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DEC. 21	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JAN. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FEB. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAR. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
APR. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAY 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JUN. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JUL. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AUG. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SEP. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OCT. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CSPBR
CALCULATION OF COMPANY SHARE OF
PERFORMANCE-BASED RATEMAKING
SAVINGS OR EXPENSES**

14

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF COMPANY SHARE OF PBR SAVINGS OR EXPENSES
 (CSPBR)

	Total PBR Results (TPBRR)	Company Sharing Company	Customer Sharing Percentage	Customer Portion	Company Portion	Total
30/70 Company/Customer Sharing Up to 4.6% of TAGSC	\$9,023,900	30%	70%	\$6,316,730	\$2,707,170	\$9,023,900
50/50 Company/Customer Sharing in Excess of 4.6% of TAGSC	\$4,630,809	50%	50%	\$2,315,405	\$2,315,404	\$4,630,809
	<u>\$13,654,709</u>			<u>\$8,632,135</u>	<u>\$5,022,574</u>	<u>\$13,654,709</u>
Portion of Company Savings Attributable to Demand Costs		15.42%			\$774,481	
Portion of Company Savings Attributable to Commodity Costs		<u>84.58%</u>			\$4,248,093	
Total Company Portion of Savings		<u>100.00%</u>		CSPBR	<u>\$5,022,574</u>	

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF COMPANY SHARE OF PBR SAVINGS OR EXPENSES
 (CSPBR)

(1)	(2)	(3)	(4)		(5)	(6)	(7)
<u>Total Gas Supply Cost Performance-Based Ratemaking Savings</u>			<u>Demand/Commodity Allocation</u>		<u>Benchmarked Gas Costs</u>		<u>PTAGSC</u>
			<u>Demand</u>	<u>Commodity</u>			<u>(Col. 3 / 6)</u>
Gas Acquisition Index Factor GAIF					Actual Gas Costs		
Demand	\$0		0.00%				
Commodity	<u>\$11,549,113</u>			84.58%			
Total		\$11,549,113			AGC	\$172,329,241	
Transportation Index Factor TIF					Actual Transportation Costs		
Demand	\$2,105,596		15.42%				
Commodity	<u>\$0</u>			0.00%			
Total		\$2,105,596			TAAGTC	\$23,842,508	
Off-System Sales Index Factor OSSIF							
Demand	\$0		0.00%				
Commodity	<u>\$0</u>			0.00%			
Total		\$0					
Total All PBR Factors					Total Actual Gas Supply Costs		
Demand	\$2,105,596						
Commodity	<u>\$11,549,113</u>						
TPBRR		<u>\$13,654,709</u>	<u>15.42%</u>	<u>84.58%</u>	TAGSC	<u>\$196,171,749</u>	6.96%